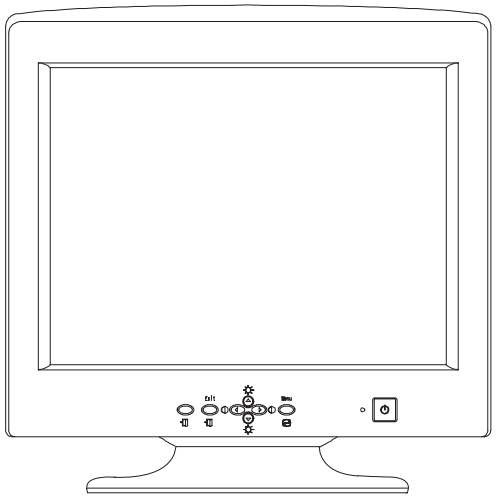
# COLOR MONITOR

**AQ17HS/AQ17IS/AQ17NS**
**AQ19MS/AQ19IS/AQ19NS/AQ19FS**

# SERVICE Manual

## COLOR MONITOR



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# 1 Precautions

## 1-1 Safety Precautions

**WARNINGS**

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power before servicing.
3. When the chassis is operating, semiconductor heatsinks are potential shock hazards.

### 1-1-1 Servicing the High Voltage and CRT :

**WARNING: A high voltage VR replaced in the wrong direction may cause excessive X-ray emissions.**

1. When servicing the high voltage system, remove the static charge by connecting a 10 kohm resistor in series with an insulated wire (such as a test probe) between the chassis and the anode lead.
2. When troubleshooting a monitor with excessively HV, avoid being unnecessarily close to the monitor. Do not operate the monitor for longer than is necessary to locate the cause of excessive voltage.
3. High voltage should always be kept at the rated value, no higher. Only when high voltage is excessive are X-rays capable of penetrating the shell of the CRT, including the lead in glass material. Operation at high voltages may also cause failure of the CRT or high voltage circuitry.
4. When the HV regulator is operating properly, there is no possibility of an X-ray problem. Make sure the HV does not exceed its specified value and that it is regulating correctly.
5. The CRT is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the CRT only with one that is the same or equivalent type as the original.
6. Handle the CRT only when wearing shatterproof goggles and after completely discharging the high voltage anode.
7. Do not lift the CRT by the neck.

### 1-1-2 Fire and Shock Hazard :

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
   **WARNING: Do not use an isolation transformer during this test.**
   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).
4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

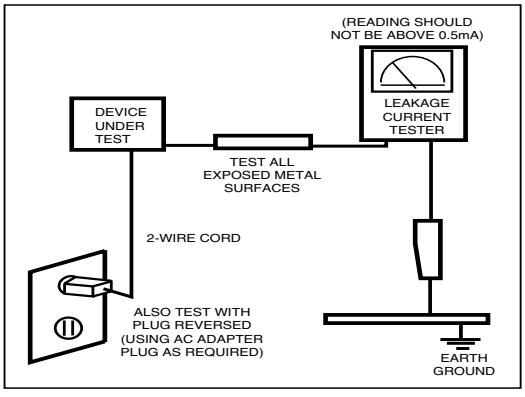

(READING SHOULD NOT BE ABOVE 0.5mA)
LEAKAGE CURRENT TESTER
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Figure 1-1. Leakage Current Test Circuit

### 1-1-3 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and / or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

Components identified by ☢ on schematics and parts lists must be sealed by a soldering iron after replacement and adjustment.

## 1-2 Servicing Precautions

**WARNING1: First read the "Safety Precautions" section of this manual. If unforeseen circumstances create conflict between the servicing precautions and safety precautions, always follow the safety precautions.**

**WARNING2: A high voltage VR replaced in the wrong direction may cause excessive X-ray emissions.**

**WARNING3: An electrolytic capacitor installed with the wrong polarity might explode.**

1. Servicing precautions are printed on the cabinet, and should be followed closely.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect all test components in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the +B voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   **Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.
9. ⚠ Indicates ESDs on the Schematic Diagram in this manual.

# 2 Product Specifications

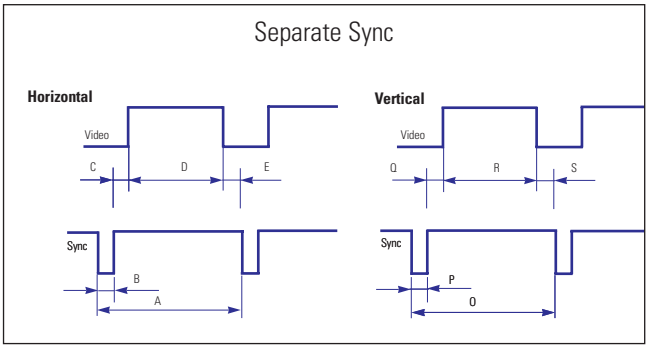
## 2-1 Specifications

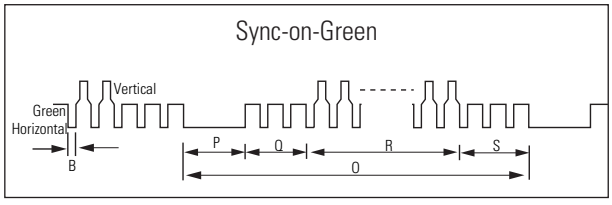
| Item | Description |
|---|---|
| Picture Tube: | 17-Inch (43 cm): 16-inch (40.6 cm) viewable, 19-Inch (48.2 cm): 18-inch (45.8 cm) viewable,<br>17"/19": 0.26 mm Dot pitch,<br>Full-square tube / Perfect Flatmess, 90˚ Deflection,<br>Anti-Reflection coating with Anti-electrastatic, Medium short persistence phosphor |
| Scanning Frequency<br><br>(Automatic) | Horizontal : AQ17HS/AQ17IS/AQ17NS: 30 kHz ~ 96 kHz (Automatic)<br>AQ19MS/AQ19IS/AQ19FS: 30 kHz ~ 96 kHz (Automatic), AQ19NS: 30kHz ~ 110kHz (Automatic)<br>Vertical : 50 Hz ~ 160 Hz (Automatic) |
| Display Colors | Unlimited colors |
| Maximum Resolution | Horizontal : 1600 Pixels, Vertical : 1200 Pixels |
| Input Video Signal | Analog, 0.7 Vp-p positive at 75 Ω, internally terminated |
| Input Sync Signal | Separate Sync : TTL level positive/negative<br>Composite Sync : TTL level positive/negative<br>Sync-on-Green Coptional : Composite sync 0.3 Vp-p negative (Video on Vp-p positive) |
| Maximum Pixel Clock rate | 17" : 250 MHz, 19"MS/IS/FS : 250 MHz, 19"NS : 290 MHz |
| Active Display | 17" ; Horizontal : 312 mm, Vertical : 234 mm<br>19" ; Horizontal : 352 mm, Vertical : 264 mm |
| Input Voltage | AC 90 ~ 264 Volts, 60/ 50 Hz ± 3 Hz |
| Power Consumption (nominal) | 17": 90 Watt , 19": 110 Watt |
| Dimensions (W x D x H)<br>Unit / Carton<br>AQ17HS<br>AQ17IS<br>AQ17NS<br>AQ19MS<br>AQ19IS<br>AQ19NS<br>AQ19FS | <br><br>15.7 x 16.2 x 16.2 Inches (398 x 412 x 412 mm) / 18.3 x 20.2 x 18 Inches (464 x 512 x 458 mm)<br>15.7 x 16.2 x 16.2 Inches (398 x 412 x 412 mm) / 19.3 x 22.5 x 18 Inches (490 x 570 x 458 mm)<br>16.4 x 17.3 x 17.3 Inches (415 x 438 x 448 mm) / 22.2 x 22.9 x 21.6 Inches (564 x 581 x 548 mm)<br>17.3 x 17.9 x 18.1 Inches (440 x 454 x 461 mm) / 22.3 x 22.8 x 21.2 Inches (566 x 580 x 540 mm)<br>17.3 x 18.1 x 18.1 Inches (440 x 460 x 461 mm) / 22.1 x 25 x 21.2 Inches (560 x 635 x 540 mm)<br>18.5 x 18.0 x 19.4 Inches (468 x 458 x 493 mm) / 22.5 x 24.4 x 22.6 Inches (571 x 620 x574 mm)<br>17.6 x 16.3 x 17.7 Inches (446 x 413.5 x 450 mm) / 21.4 x 22.8 x 21.1 Inches (542 x 580 x 535 mm) |
| Weight (Net/Gross)<br>AQ17HS<br>AQ17IS<br>AQ17NS<br>AQ19MS<br>AQ19IS<br>AQ19NS<br>AQ19FS | <br>15.6 kg (34.4 lbs) / 17.5 kg (38.6 lbs)<br>17.0 kg (37.5 lbs) / 19.5 kg (43.0 lbs)<br>19.7 kg (43.4 lbs) / 23.0 kg (50.7 lbs)<br>19.0 kg (41.9 lbs) / 21.5 kg (47.4 lbs)<br>21.0 kg (46.3 lbs) / 23.5 kg (51.8 lbs)<br>25.3 kg (55.8 lbs) / 29.3 kg (64.6 lbs)<br>22.0 kg (48.5 lbs) / 24.5 kg (54.0 lbs) |
| Environmental Considerations | Operating Temperature : 32°F ~ 104°F (0°C ~ 40°C)<br>Humidity : 10 % ~ 80 %<br>Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C)<br>Humidity : 5 % ~ 95 % |

- AQ17HS/AQ17IS/AQ17NS/AQ19MS/AQ19IS/AQ19NS/AQ19FS complies with TCO 99 recommendations for reduced electromagnetic fields.
- Designs and specifications are subject to change without prior notice.

Table 2-1. Timing Chart

| Mode / Timing | IBM | | VESA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | VGA2/70Hz 720 x 400 | VGA3/60Hz 640 x 480 | 640/85 Hz 640 x 480 | 800/85 Hz 800 x 600 | 1024/75 Hz 1024 x 768 (17"only ) | 1024/85 Hz 1024 x 768 | 1280/75 Hz 1280 x 1024 | 1280/85 Hz 1280 x 1024 | 1600/75 Hz 1600 x 1200 (19"only ) | 1600/85 Hz 1600 x 1200 (AQ19NS only ) |
| fH (kHz) | 31.469 | 31.469 | 43.269 | 53.674 | 60.023 | 68.677 | 79.976 | 91.146 | 93.750 | 106.250 |
| A µsec | 31.778 | 31.778 | 23.111 | 18.631 | 16.660 | 14.561 | 12.504 | 10.971 | 10.667 | 9.412 |
| B µsec | 3.813 | 3.813 | 1.556 | 1.138 | 1.219 | 1.016 | 1.067 | 0.016 | 0.948 | 0.837 |
| C µsec | 1.907 | 1.907 | 3.810 | 2.702 | 2.235 | 2.201 | 1.837 | 1.422 | 1.501 | 1.325 |
| D µsec | 25.422 | 25.422 | 5.222 | 14.222 | 13.003 | 10.836 | 9.481 | 8.127 | 7.901 | 6.972 |
| E µsec | 0.636 | 0.636 | 17.778 | 0.569 | 0.203 | 0.508 | 0.119 | 0.406 | 0.316 | 0.279 |
| fV (Hz) | 70.087 | 59.940 | 85.008 | 85.061 | 75.029 | 84.997 | 75.025 | 85.024 | 75.000 | 85.000 |
| O msec | 14.268 | 16.683 | 13.333 | 11.756 | 13.328 | 11.765 | 13.329 | 11.761 | 13.333 | 11.765 |
| P msec | 0.064 | 0.064 | 0.080 | 0.056 | 0.050 | 0.044 | 0.038 | 0.033 | 0.032 | 0.028 |
| Q msec | 1.080 | 1.048 | 0.427 | 0.503 | 0.466 | 0.524 | 0.475 | 0.483 | 0.491 | 0.433 |
| R msec | 12.711 | 15.253 | 12.800 | 11.179 | 12.795 | 11.183 | 12.804 | 11.235 | 12.800 | 11.294 |
| S msec | 0.413 | 0.318 | 0.027 | 0.019 | 0.017 | 0.015 | 0.013 | 0.011 | 0.011 | 0.009 |
| Clock Freq. (MHz) | 28.322 | 25.175 | 36.000 | 56.250 | 78.750 | 94.500 | 135.000 | 157.500 | 202.500 | 229.500 |
| Polarity H.Sync | Negative | Negative | Negative | Positive | Positive | Positive | Positive | Positive | Positive | Positive |
| V.Sync | Positive | Negative | Negative | Positive | Positive | Positive | Positive | Positive | Positive | Positive |
| Remark | Separate | Separate | Separate | Separate | Separate | Separate | Separate | Separate | Separate | Separate |




| | | | |
|---|---|---|---|
| A : Line time total | B : Horizontal sync width | O : Frame time total | P : Vertical sync width |
| C : Back porch | D : Active time | Q : Back porch | R : Active time |
| E : Front porch | | S : Front porch | |

# 3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the AQ17HS/AQ17IS/AQ17NS/AQ19MS/AQ19IS/AQ19NS/AQ19FS monitor.

WARNING: This monitor contains electrostatically sensitive devices. Use with caution when handling these components.

## 3-1 Disassembly

Cautions: 1. Disconnect the monitor from the power source before disassembly.
2. To remove the Rear Cover, you must use the special opening jig tool.

### 3-1-1 Before making Disassembly

1. Disconnect or power cord from the monitor.
2. With a pad beneath it, stand the monitor on its front with the screen facing downward and the base close to you.

### 3-1-2 Cabinet Disassembly

1. Remove the Stand from the monitor. (Refer to Stand manual)
2. Remove 2 screws on the Rear cover.

Figure 1

3. Incline the monitor by lifting the rear of the monitor.

Figure 2

4. Push the Opening jig each groove along the Side of the monitor till it makes a “ttak” sound. (2 grooves : Left and Right, Make sure each snap is disengaged.)

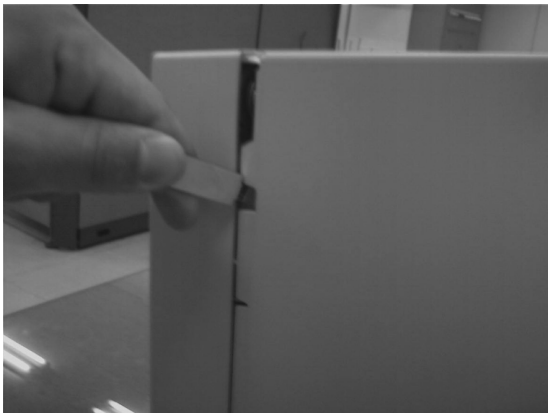


Figure 3

5. Pull the Rear Cover up off the monitor.

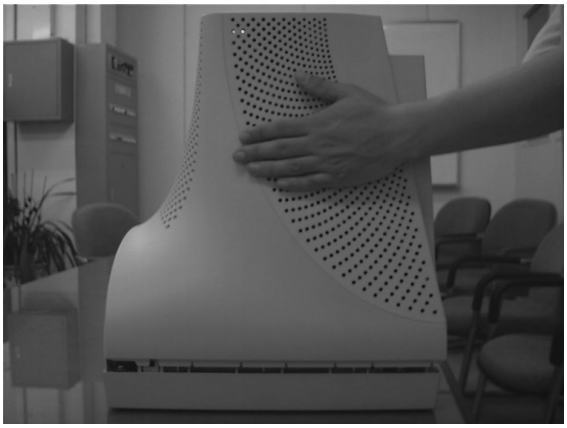


Figure 4

6. Remove the Shield.(TCO 99)

Figure 5

7. Using pinch-nose pliers or ling-nose pliers, acrefully disconnect the Anode Cap from the CRT.

Warning: Do not touch the Anode contact on the CRT (High Voltage may remain).

### 3-1-3 Removing the CRT Socket PCB

1. Complete all previous steps.
2. Lift up the Video Spring and remove the CRT Socket PCB from the CRT.

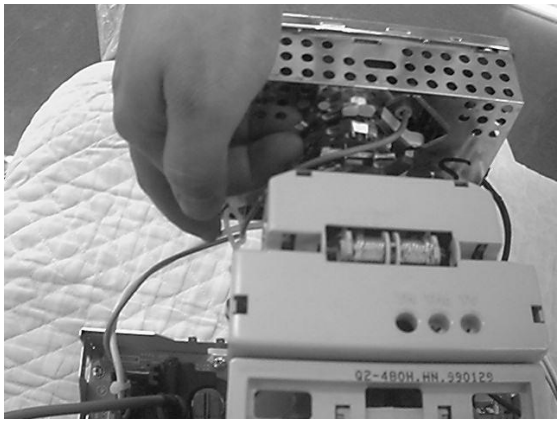


Figure 6

3. Disconnect all connectors on the CRT Socket PCB.
4. Using a solder iron, disconnect 5points Ground (GND) on the back of the Video Shield and remove the Shield Cap.
5. Remove the screw on the front of the Shield Socket.
6. Place the Video PCB on a flat, level surface that is protected from static electricity.

### 3-1-4 Removing the Main PCB

1. Complete all previous steps.
2. Disconnect the Degaussing Coil at CN601 on the Main PCB.
3. Disconnect all easily accessible ground wires on the PCB and Bottom Chassis.
4. Disconnect the DY connector at the CN401 connector on the Main .
5. Using the jig, release the snaps (2) connecting the Front Cover and the PCB then lift up the Bottom to separate the two Shield.

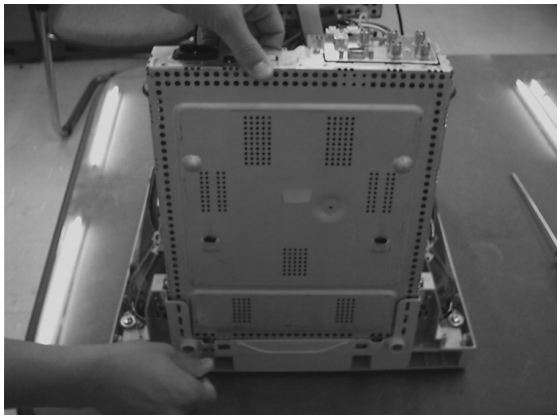


Figure 7

6. Disconnect the Tilt connector at the CN409 connector on the Main PCB.
7. Disconnect the Sub PCB connector at the CN204 connector on the Main PCB.
8. Remove the screws on the back and along each side of the Bottom Chassis.
9. Carefully lift the Main PCB Ass'y and remove the remaining ground wires.
10. Place the Main PCB Ass'y on a flat, level surface that is protected from static electricity.

### 3-1-5 CRT Ass'y Disassembly

1. Complete all previous steps.
2. Straighten the Degaussing Coil Assembly coated metal ties and lift the Coil Ass'y from the CRT.
3. Remove the four corner screws and lift the CRT up and away from the Front Cover Assembly and place it on a padded surface.

Caution: Do not lift the CRT by the neck.
If you will be returning this CRT to the monitor, be sure to place the CRT face downward on a protective pad.

## 3-2 Reassembly

Reassembly procedures are in the reverse order of Disassembly procedures.

# 4 Alignment and Adjustments

This section of the service manual explains how to make permanent adjustments to the monitor.

## 4-1 Adjustment Conditions

**Caution:** Changes made without the Softjig are saved only to the user mode settings. As such, the settings are not permanently stored and may be inadvertently deleted by the user.

### 4-1-1 Before Making Adjustments

4-1-1 (a) ORIENTATION

When servicing, always face the monitor to the east.

4-1-1 (b) WARM-UP TIME

The monitor must be on for 30 minutes before starting alignment. Warm-up time is especially critical in color temperature and white balance adjustments.

4-1-1 (c) SIGNAL

Analog, 0.7 Vp-p positive at 75 ohm, internal termination
Sync: Separate/Composite
(TTL level negative/positive)

Sync-on-Green:
Composite sync 0.3 Vp-p negative
(Video 0.7 Vp-p positive)

4-1-1 (d) SCANNING FREQUENCY

Horizontal: 30 kHz to 96 kHz (Automatic)
Vertical: 50 Hz to 160 Hz (Automatic)

Unless otherwise specified, adjust at the 1024 x 768 mode (H: 68 kHz, V: 85 Hz) signals.

Refer to Table 2-1 on pages 2-2 and 2-3.

4-1-1 (e) HIGH VOLTAGE ADJUSTMENT

| | |
|---|---|
| Signal: | 1024 x 768 mode (68 kHz/85 Hz) |
| Display image: | Full white |
| Contrast: | Maximum |
| Brightness: | Maximum |
| Limit: | 26 kV ± 0.5 kV<br>(19″: 27 kV ± 0.5 kV) |

Measure the hight voltage level at the anode cap. High voltage should be within the limit as above. If the high voltage needs adjustment use the Softjig.

4-1-1 (f) G2 (SCREEN) VOLTAGE

The Screen Voltage is fixed in the firm so don't need to adjust the Screen voltage.

4-1-1 (g) CENTER RASTER

Adjust VR401 so that the back raster comes to the center when you apply a signal of 91 kHz/85 Hz.

### 4-1-2 Required Equipment

The following equipment may be necessary for adjustment procedures:

4-1-2 (a) DISPLAY CONTROL ADJUSTMENT

1. Non-metallic (–) screwdriver: 1.5 mm
   Non-metallic (–) screwdriver: 3 mm
2. Philips (+) screwdriver: 1.5 mm
3. Non-metallic hexkey: 2.5 mm
4. Digital Multimeter (DMM), or
   Digital Voltmeter (DVM)
5. Signal generator, or
   Computer with a video board that uses the ET-4000 chipset (strongly recommended if using Samsung DM 200 software) and that displays: 1280 x 1024 @ 85 Hz, or 1600 x 1200 @ 85 Hz (maximum).
6. Personal computer

4-1-2 (b) COLOR ADJUSTMENTS

1. All equipment listed in 4-1-2 (a), above
2. Color analyzer, or any luminance measurement equipmen

### 4-1-3 After Making Adjustments

After finishing all adjustments, test the monitor in all directions. If, for example, the monitor does not meet adjustment specifications when facing north, reposition the monitor to face east and readjust. This time, try for an adjustment closer to the ideal setting within the tolerance range. Test the unit again in all directions. If the monitor again fails to meet specifications in every direction, contact your Regional After Service Center for possible CRT replacement.

※ Adjust the screen VR of FST so that the G2 (screen) voltage it is 540 ± 10V (AQ19FS)

# 4-2 Display Control Adjustments

## 4-2-1 Centering

Centering means to position the center point of the display in the middle of the display area. Horizontal size and position and vertical size and position control the centering of the display.

Adjust the horizontal size and vertical size to their optimal settings: 312 mm (H) x 234 mm (V).
1024 x 768 mode (68 kHz/85Hz)

Adjust the horizontal position and vertical position to ≤ 4.0 mm of the center point of the screen.

|A-B| ≤ 4.0 mm. |C-D| ≤ 4.0 mm.

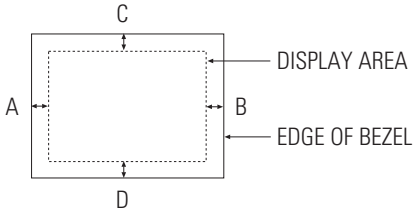



Figure 4-3. Centering

4-2-1 (a) HORIZONTAL SIZE ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Click on the << or >> box next to **SIZE B+** to adjust the horizontal size of the display pattern to 312 mm (Tolerance: ± 3 mm) as the "H_SIZE" is "60" on the OSD.

4-2-1 (b) VERTICAL SIZE ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz /85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Click on the << or >> box next to **V_SIZE** to adjust the vertical size of the display pattern to 234 mm. (Tolerance: ± 3 mm.)

4-2-1 (c) HORIZONTAL POSITION ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Click on the << or >> box next to **H_POSI** to center the horizontal image on the raster.

4-2-1 (d) VERTICAL POSITION ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Click on the << or >> box next to **V_POSI** to center the vertical image on the raster.

## 4-2-2 Linearity

Linearity affects the symmetry of images as they appear on the screen. Unless each row or column of blocks in a crosshatch pattern is of equal size, or within the tolerances shown in Table 4-1 an image appears distorted, elongated or squashed.

$$\text{Horizontal Linearity} = 2x\,\frac{\text{X max-X min}}{\text{X max+X min}}x100$$

$$\text{Vertical Linearity} = 2x\,\frac{\text{Y max-Y min}}{\text{Y max+Y min}}\,x100$$

Table 4-1

| | Adjacent Linearity | Entire Linearity |
|---|---|---|
| Preset mode | ≤ 4% | ≤ 8% |
| Pre-load mode (48kHz~) | ≤ 5% | ≤ 10% |
| Pre-load mode (under 48kHz) | ≤ 5% | ≤ 14% |

❊ Preset Mode : 68KHz / 85Hz
Pre-load Mode : Refer to Timing Chart

4-2-2 (a) HORIZONTAL LINEARITY ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

To adjust the Horizontal Linearity, refer to Table 4-1 for the tolerance range.

Click on the << or >> box next to **H_LIN** to optimize the image.

Table 4-2
(Horizontal x Vertical Size Table)

| | 17" | 19" |
|---|---|---|
| Horizantal | 312 | 352 |
| Vertical | 234 | 264 |

4-2-2 (b) VERTICAL LINEARITY ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

To adjust the Vertical Linearity, refer to Table 4-1 for the tolerance range.

Use control bar after selecting "V_LINEARITY BAL" in left menu to optimize the image.

### 4-2-3 Trapezoid Adjustment

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Use control bar after selecting **"TRAPEZOID"** in left menu to make the image area rectangular.

$| A - B | < 5$ mm

Figure 4-4. Trapezoid

### 4-2-4 Pinbalance Adjustment

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

$| D1 |, | D2 | \leq 2.0$ mm

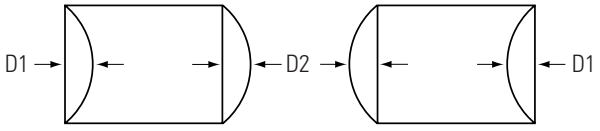



Figure 4-5. Pinbalance

Use control bar after selecting **"PINBALANCE"** in left menu to optimize the image.

### 4-2-5 Parallelogram Adjustment

CONDITIONS

| | |
|---|---|
| Scanning Frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Use control bar after selecting **"PARALLEL"** in left menu to make the image area rectangular.

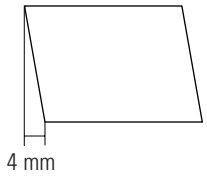



Figure 4-6. Parallelogram

### 4-2-6 Side Pincushion Adjustment

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Crosshatch pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

Use control bar after selecting **"PINCUSHION"** in left menu to straighten the sides of the image area.

$| C1 |, | C2 | \leq 2.0$ mm, $| D1 |, | D2 | \leq 2.0$ mm.

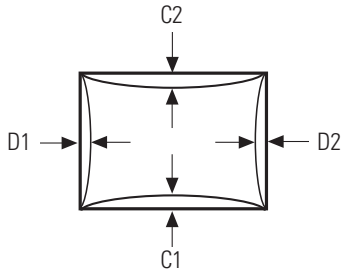



Figure 4-7. Pincushion

### 4-2-7 Degauss

No adjustments are available for the degaussing circuit. The degaussing circuit can effectively function only once per 30 minutes.

### 4-2-8 Save the Data

To save the adjustment data for factory frequencys, press **FACTORY SAVE**.

### 4-2-9 To Delete the User Mode Data

To delete the adjustment data from the user modes, click "@4: USER DELETE" in right menu.

# 4-3 Color Adjustments

## 4-3-1 Color Coordinates (Temperature)

Color temperature is a measurement of the radiant energy transmitted by a color. For computer monitors, the color temperature refers to the radiant energy transmitted by white. Color coordinates are the X and Y coordinates on the chromaticity diagram of wavelengths for the visible spectrum.

CONDITIONS

| | |
|---|---|
| Measurement instrument: | Color analyzer |
| Scanning frequency: | 68 kHz/85 Hz |
| Display Size : | 312 (H) x 234 (V) |
| Display image: | White flat field at center of display area |
| Brightness: | Cut-off |
| Contrast: | Maximum |

PROCEDURE

Use the directions in sections 4-3-2 through 4-3-4 to adjust the color coordinates for:
9300K to x = 0.283 ± 0.02, y = 0.298 ± 0.02
6500K to x = 0.313 ± 0.02, y = 0.329 ± 0.02
5000K to x = 0.346 ± 0.02, y = 0.359 ± 0.02

## 4-3-2 Color Adjustments for 9300K

4-3-2 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Back raster pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

1. Select **COLOR CHANNEL 1** to control the color for 9300K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7ft-L using the "**GREEN CUTOFF"** controls.
3. Use control bar after selecting **"BLUE CUTOFF"** in left menu to set the "y" coordinate to 0.298 ± 0.015
4. Use control bar after selecting **"RED CUTOFF"** in left menu to 0.283 ± 0.015

* If color values would not be matched desirable values, repeat sequence 3 and 4 after readjusting "GREEN CUTOFF" control a little different.

4-3-2 (b) G-GAIN ADJUSTMENT

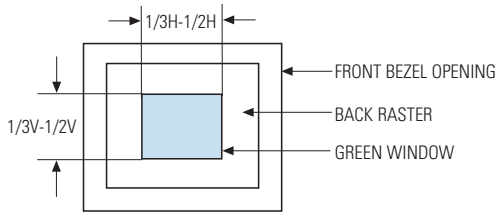



Figure 4-8. Green Box Pattern

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Green box pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

1. Click on the << or >> box next to **G_GAIN** to adjust the brightness of the Green Gain to 40 ± 1 ft-L.
2. Click on the << or >> box next to **"BM Contrast"** to adjust the Brightness of the High Light Gain to 75ft-L when the High Light function was ("BM contrast" Menu is in the "Extra Menu") activated with Maximum size.

4-3-2 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Full white pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

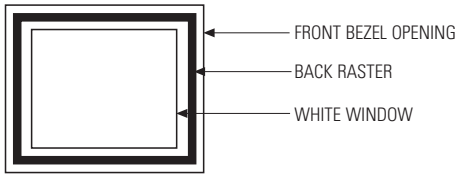



Figure 4-9. Full White Pattern

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For 9300K color adjustment: x = 0.283 ± 0.02, y = 0.298 ± 0.02.)

   **Note:** Do not touch the **G_GAIN** controls.
2. Check the ABL. If it is not within the specifications (30 ± 1 ft-L), use the ABL controls to adjust it.
3. Select **COLOR FACTORY SAVE** to save the data.

Luminance Table (9300K) 4-3

| | 17HS/IS/NS | 19MS/NS/FS | 19IS |
|---|---|---|---|
| Without ABL | 40ft-L | 36ft-L | 36ft-L |
| Without ABL | 31ft-L | 30ft-L | 30ft-L |
| Without ABL (High Light is Activated) | 75ft-L | 75ft-L | 65ft-L |

4-3-2 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Back raster pattern
X-Y Coordinates: x = 0.283 ± 0.02, y = 0.298 ± 0.02
Raster Luminance 0.3 ~ 1ft-L
ABL Luminance 30 ± 1 ft-L
Brightness: Cut-off
Contrast: Maximum

1. Check whether the color coordinates of the back raster satisfy the above spec.

   If they do not, return to 4-3-2 (a) and readjust all settings.
2. Display a full white pattern.

**Note:** Do not touch the **G_GAIN** controls.

3. Adjust the Contrast Control on the monitor so that the luminance of the video is about 5 ft-L.
4. Check whether the white coordinates of the video meet the above coordinates spec.
5. Adjust the Contrast Control again so that the luminance of the video is about 20 ft-L.
6. Check whether the white coordinates of the video satisfies the above spec.

   If they do not, return to 4-3-2 (a) and readjust all settings.

## 4-3-3 Color Adjustments for 6500K

4-3-3 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Back raster pattern
Brightness: Cut-off
Contrast: Maximum

1. Select **COLOR CHANNEL 2** to control the color for 6500K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7 ft-L using the **G_CUT** controls.
3. Click on the << or >> boxes next to **R_CUT** and **B_CUT** to adjust the R-Bias to x = 0.313 ± 0.02 and the B-Bias to y = 0.329 ± 0.02.

4-3-3 (b) G-GAIN ADJUSTMENT

This procedure is the same as that for 9300K, refer to the procedure on page 4-5.

You must adjust the Brightness of Green gain to 39 ± 1ft-L.

4-3-3 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Full white pattern
Brightness: Cut-off
Contrast: Maximum

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For 6500K color adjustment: x = 0.313 ± 0.02, y = 0.329 ± 0.02.)
2. Refer to the procedure for 9300K, section 4-3-2 (c) steps 2 and 3.

4-3-3 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

Refer to the procedure for 9300K, section 4-3-2 (d).

Luminance Table (6500K) 4-4

| | 17HS/IS/NS | 19NS/FS/IS |
|---|---|---|
| Without ABL | 39ft-L | 34ft-L |
| With ABL | 30ft-L | 29ft-L |

## 4-3-4 Color Adjustments for 5000K

4-3-4 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Back raster pattern
Brightness: Cut-off
Contrast: Maximum

1. Select **COLOR CHANNEL 3** to control the color for 5000K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7 ft-L using the **G_CUT** controls.
3. Click on the << or >> boxes next to **R_CUT** and **B_CUT** to adjust the R-Bias to x = 0.346 ± 0.02 and the B-Bias to y = 0.359 ± 0.02.

4-3-4 (b) G-GAIN ADJUSTMENT

This procedure is the same as that for 9300K, refer to the procedure on page 4-5.

Adjust the brightness of the **G_GAIN** less 2 ft-L than brightness of procedure for 9300K.

4-3-4 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | Full white pattern |
| Brightness: | Cut-off |
| Contrast: | Maximum |

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For 5000K color adjustment: x = 0.346 ± 0.02, y = 0.359 ± 0.02.)
2. Refer to the procedure for 9300K, section 4-3-2 (c) steps 2 and 3.

Luminance Table (6000K) 4-5

| | 17HS/IS/NS | 19NS/FS/IS |
|---|---|---|
| Without ABL | 38ft-L | 33ft-L |
| With ABL | 30ft-L | 28ft-L |

4-3-4 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

Refer to the procedure for 9300K, section 4-3-2 (d).

## 4-3-5 Luminance Uniformity Check

Luminance is considered uniform only if the ratio of lowest to highest brightness areas on the screen is not less than 7.5:10.

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz (1024 x 768) |
| Display image: | White flat field |
| Display size | 312 (H) x 234 (V) |
| Brightness: | Cut off point |
| Contrast: | Maximum |

PROCEDURE

Measure luminance at nine points on the display screen (see figure below).

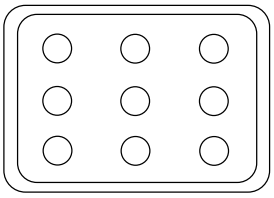


Figure 4-10 Luminance Uniformity Check Locations

## 4-3-6 Focus Adjustment

CONDITIONS

| | |
|---|---|
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | "H" character pattern |
| Brightness: | Cut off point |
| Contrast: | Maximum |

PROCEDURE

1. Adjust the Focus VR on the FBT to display the sharpest image possible.
2. Use Locktite to seal the Focus VR in position.

## 4-3-7 Color Purity Adjustment

Color purity is the absence of undesired color. Conspicuous mislanding (unexpected color in a uniform field) within the display area shall not be visible at a distance of 50 cm from the CRT surface.

CONDITIONS

| | |
|---|---|
| Orientation: | Monitor facing east |
| Scanning frequency: | 68 kHz/85 Hz |
| Display image: | White flat field |
| Luminance: | Cut off point at the center of the display area |

**Note:** Color purity adjustments should only be attempted by qualified personnel.

PROCEDURE

**For trained and experienced service technicians only.**

Use the following procedure to correct minor color purity problems:

1. Make sure the display is not affected by external magnetic fields.
2. Very carefully break the glue seal between the 2-pole purity convergence magnets (PCM), the band and the spacer.
3. Make sure the spacing between the PCM assembly and the CRT stem is 29 mm ± 1 mm.
4. Display a green pattern over the entire display area.
5. Adjust the purity magnet rings on the PCM assembly to display a pure green pattern. (Optimum setting: x = 0.295 ± 0.015, y = 0.594 ± 0.015)
6. Repeat steps 4 and 5 using a red pattern and then again, using a blue pattern.

Table 4-6. Color Purity Tolerances

| | | |
|---|---|---|
| Red: | x = 0.620 ± 0.015 | y = 0.334 ± 0.015 |
| Green: | x = 0.289 ± 0.015 | y = 0.595 ± 0.015 |
| Blue: | x = 0.153 ± 0.015 | y = 0.072 ± 0.015 |

(For 9300K color adjustment: x = 0.283 ± 0.02, y = 0.298 ± 0.02)

7. When you have the PCMs properly adjusted, carefully glue them together to prevent their movement during shipping.

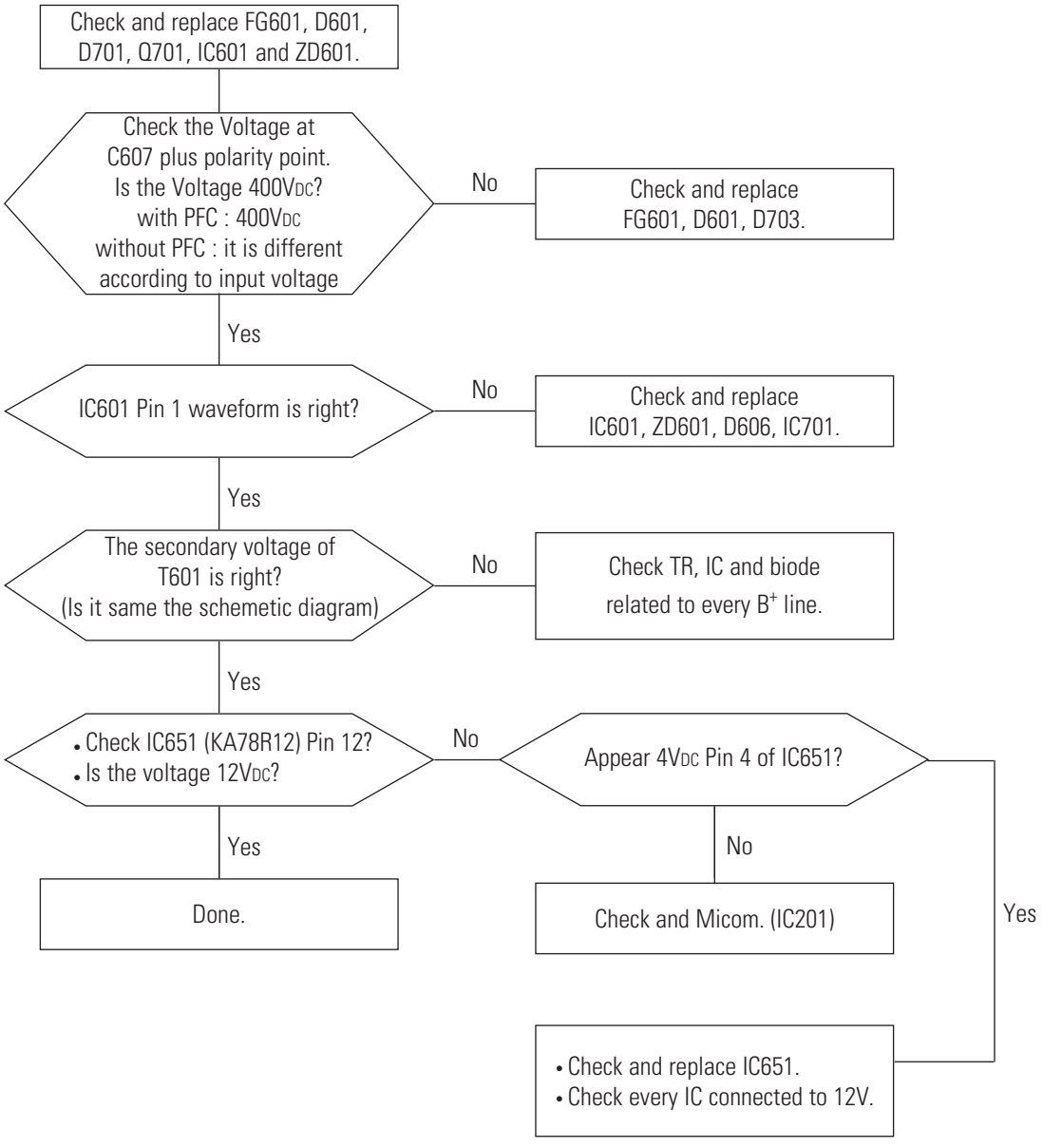
# 5 Troubleshooting

## 5-1 Parts Level Troubleshooting

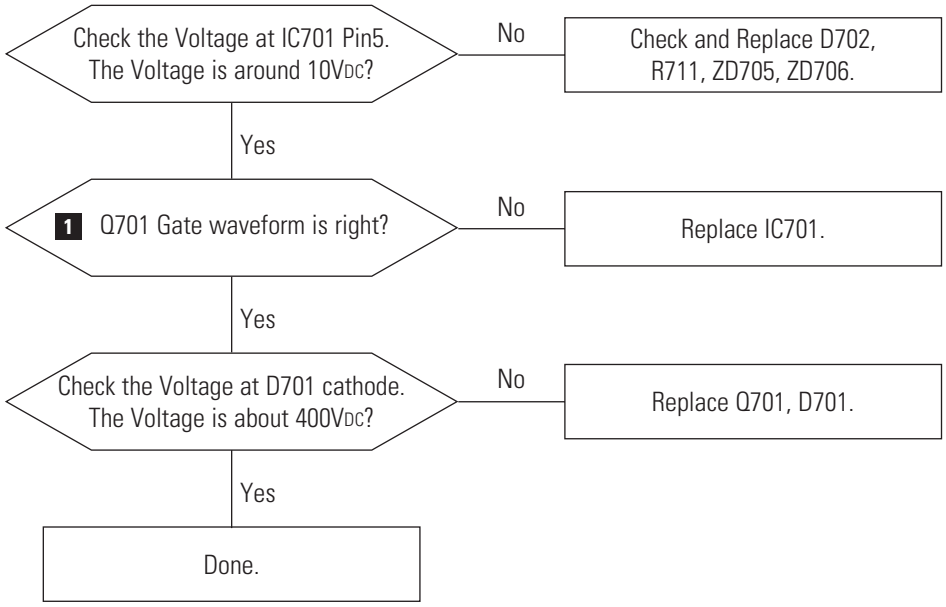
**Notes:** 1. If a picture does not appear, Click the Brightness and Contrast button on the front panel, and then increase the value of Brightness and Contrast.

2. Check the following circuits.
   - No raster appears: Power circuit, Horizontal output circuit, H/V control circuit, and H/V output circuit.
   - High voltage develops but no raster appears: Video output circuits.
   - High voltage does not develop: Horizontal output circuits.

### 5-1-1 No Power Supply

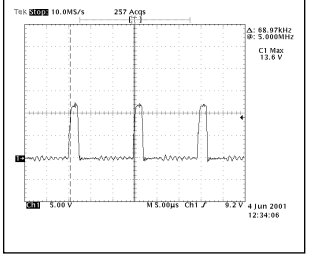

Check and replace FG601, D601, D701, Q701, IC601 and ZD601.
Check the Voltage at C607 plus polarity point. Is the Voltage 400VDC? with PFC : 400VDC without PFC : it is different according to input voltage
No
Check and replace FG601, D601, D703.
Yes
IC601 Pin 1 waveform is right?
No
Check and replace IC601, ZD601, D606, IC701.
Yes
The secondary voltage of T601 is right? (Is it same the schemetic diagram)
No
Check TR, IC and biode related to every B+ line.
Yes
• Check IC651 (KA78R12) Pin 12?
• Is the voltage 12VDC?
No
Appear 4VDC Pin 4 of IC651?
Yes
Done.
No
Check and Micom. (IC201)
Yes
• Check and replace IC651.
• Check every IC connected to 12V.

## 5-1-2 PFC Failure

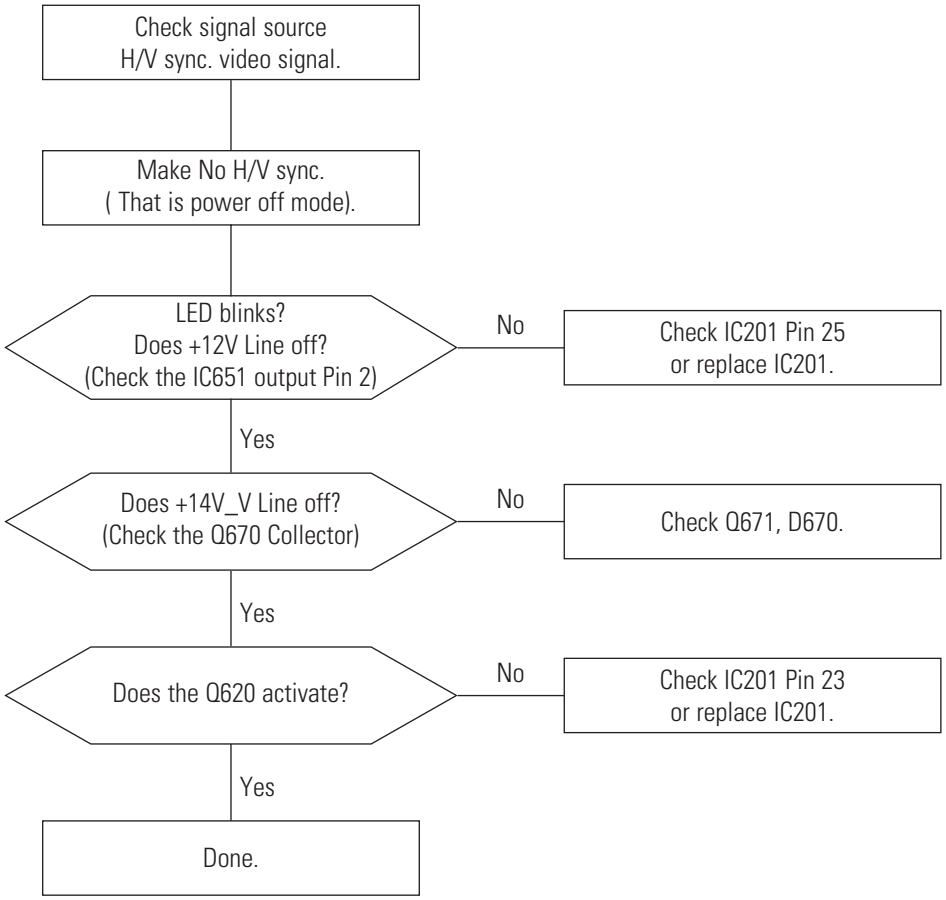



**WAVEFORMS**

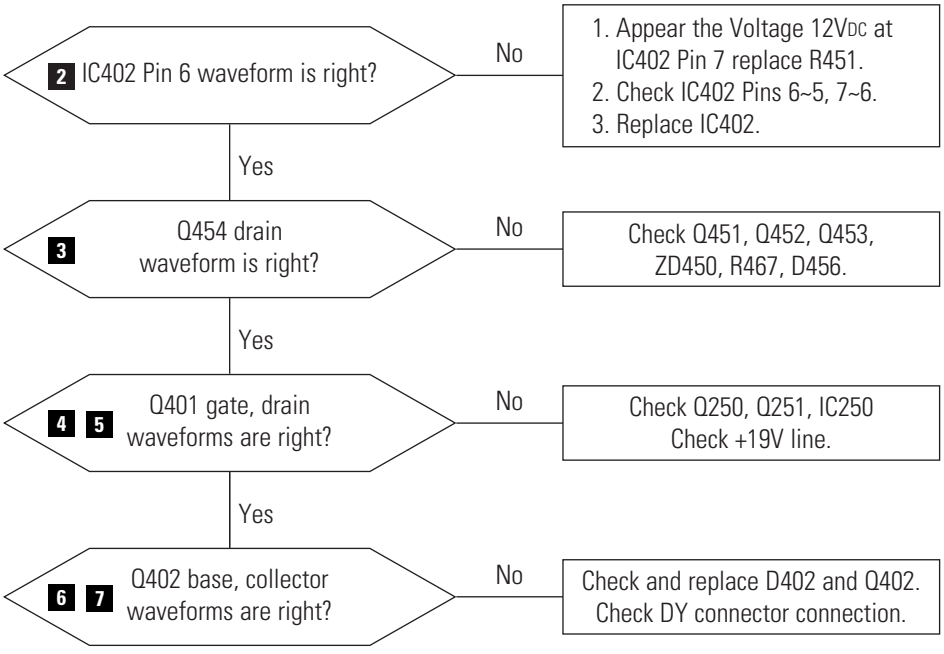
**1** 368 V (IC601, #1)



## 5-1-3 DPMS Failure

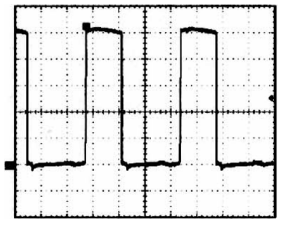


## 5-1-4 H_Deflection Failure


2 IC402 Pin 6 waveform is right?
No
1. Appear the Voltage 12VDC at IC402 Pin 7 replace R451.
2. Check IC402 Pins 6~5, 7~6.
3. Replace IC402.
Yes
3 Q454 drain waveform is right?
No
Check Q451, Q452, Q453, ZD450, R467, D456.
Yes
4 5 Q401 gate, drain waveforms are right?
No
Check Q250, Q251, IC250 Check +19V line.
Yes
6 7 Q402 base, collector waveforms are right?
No
Check and replace D402 and Q402. Check DY connector connection.

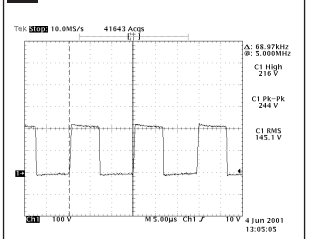
## WAVEFORMS

**2** IC402, #6

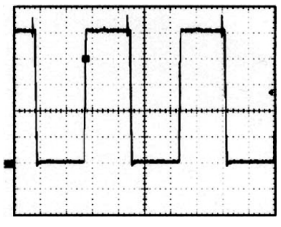


CH1 P-P = 10.96 V CH1 RMS = 6.180 V

**3** Q454, Drain

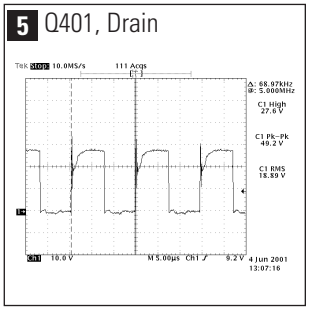


**4** Q401, Gate

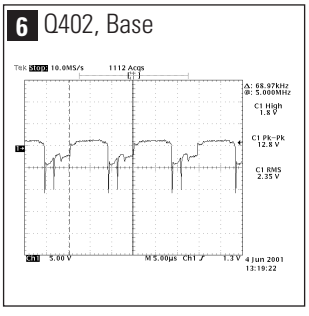


CH1 P-P = 11.6 V CH1 RMS = 6.944V

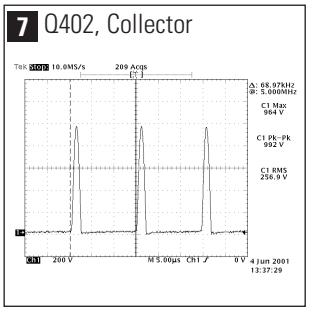
**5** Q401, Drain



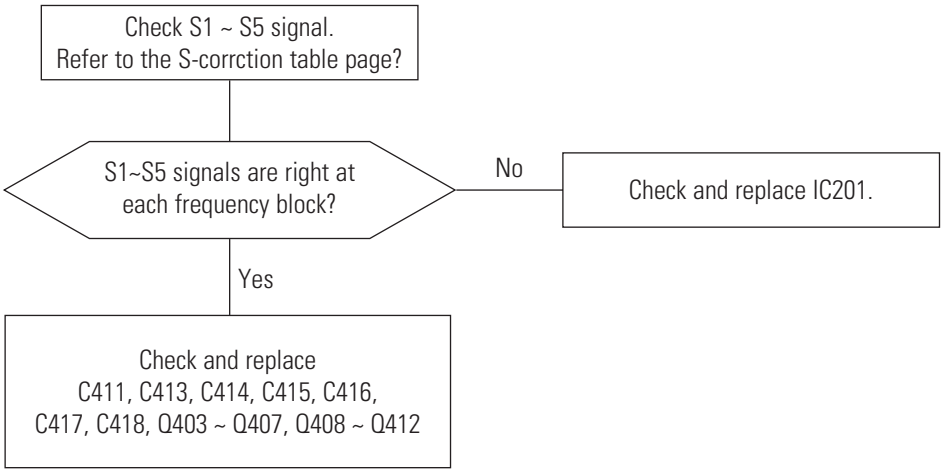
**6** Q402, Base



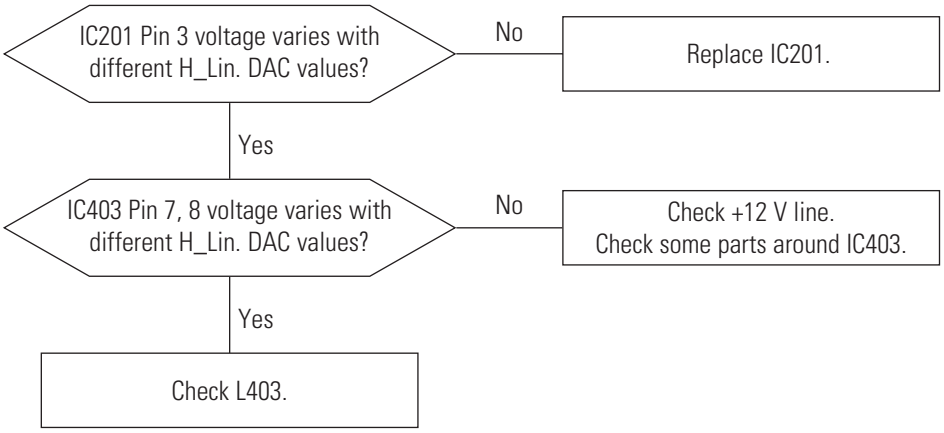
**7** Q402, Collector



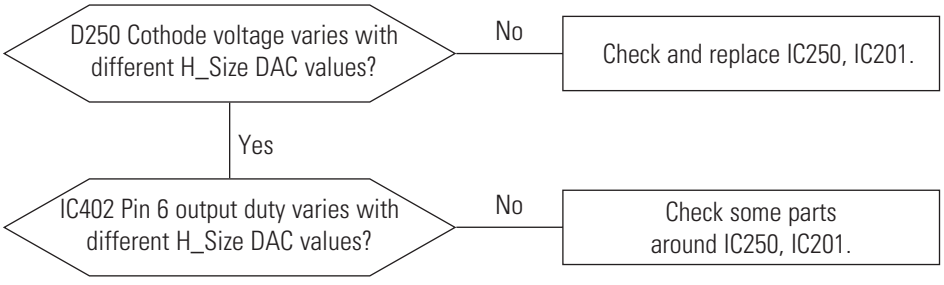
### 5-1-5 S Correction Failure


Check S1 ~ S5 signal.
Refer to the S-corrction table page?
S1~S5 signals are right at each frequency block?
No
Check and replace IC201.
Yes
Check and replace
C411, C413, C414, C415, C416,
C417, C418, Q403 ~ Q407, Q408 ~ Q412

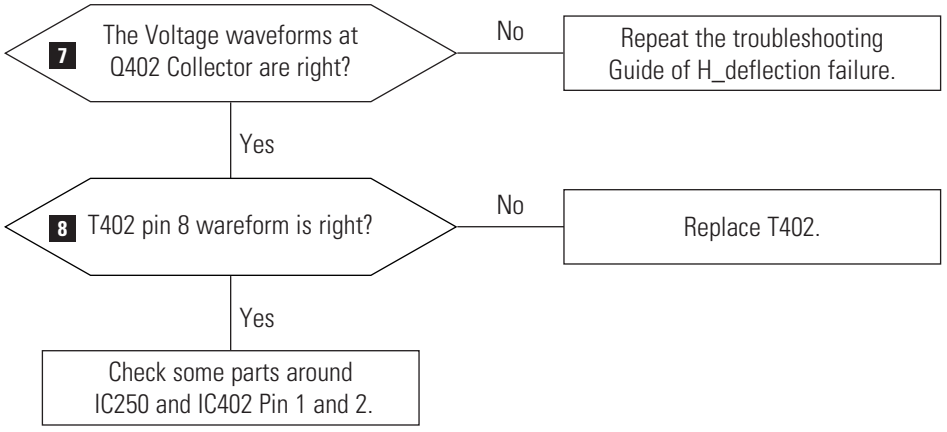
### 5-1-6 H_Lin. Failure




### 5-1-7 Invariable H_Size

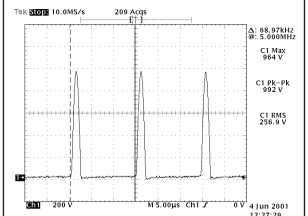

D250 Cothode voltage varies with different H_Size DAC values?
No
Check and replace IC250, IC201.
Yes
IC402 Pin 6 output duty varies with different H_Size DAC values?
No
Check some parts
around IC250, IC201.

## 5-1-8 Abnormal H_Size

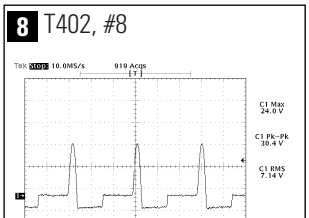



**WAVEFORMS**

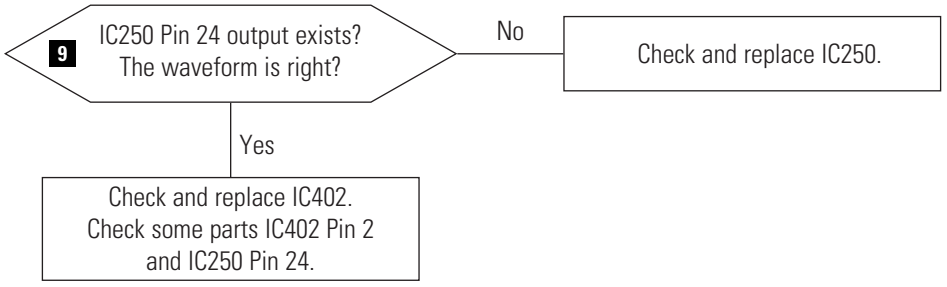
**7** Q402, Collector



**8** T402, #8

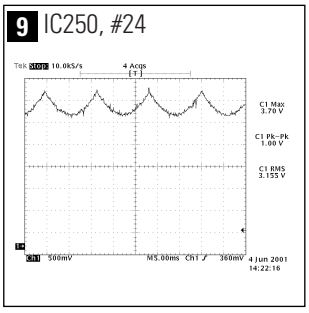


## 5-1-9 Side Pin or Trap Failure

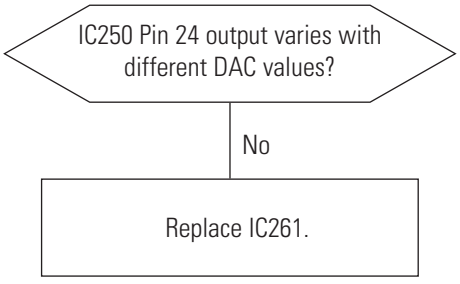

9
IC250 Pin 24 output exists? The waveform is right?
No
Check and replace IC250.
Yes
Check and replace IC402. Check some parts IC402 Pin 2 and IC250 Pin 24.

**WAVEFORMS**

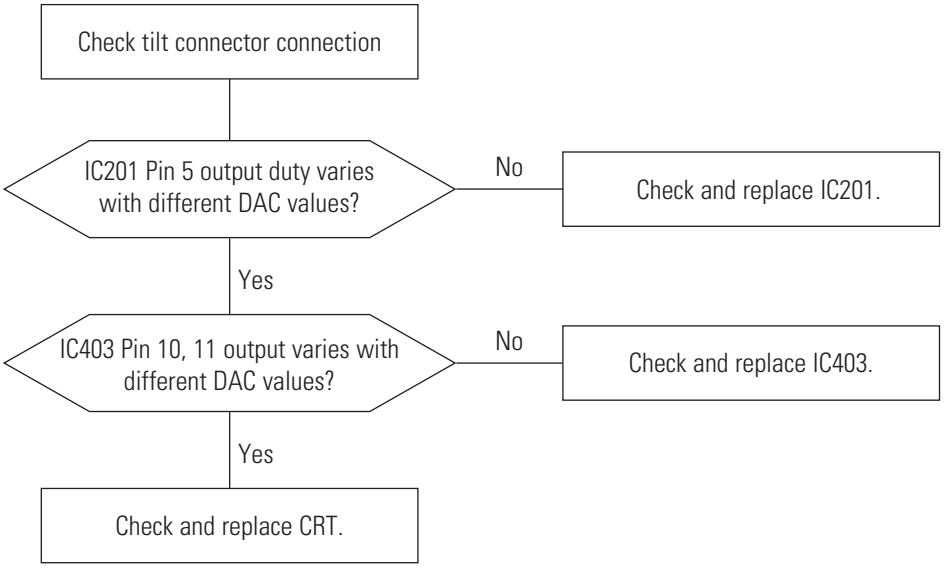
**9** IC250, #24



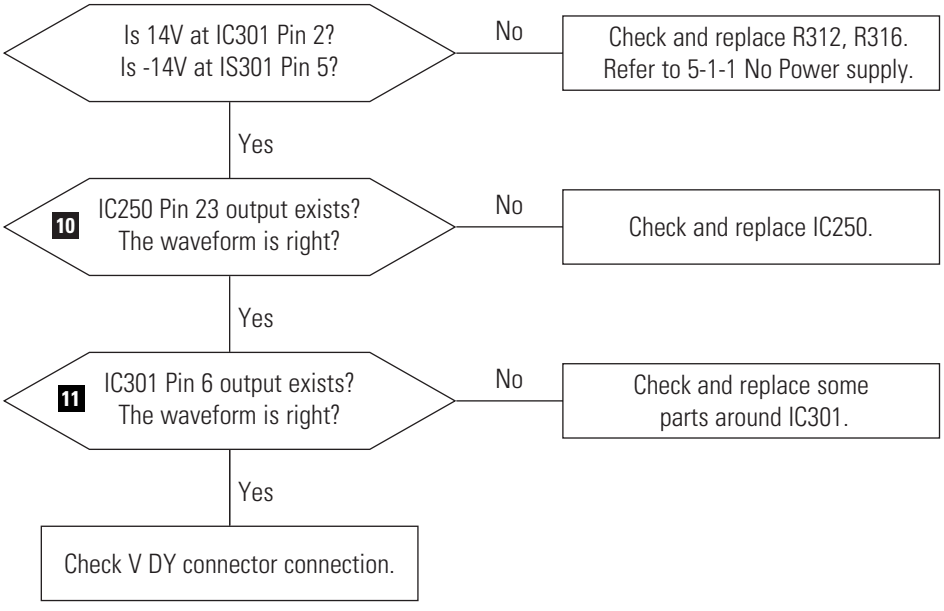
## 5-1-10 Para. or Pin Balance Failure



## 5-1-11 Tilt Failure

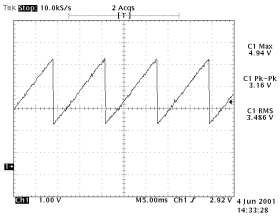

Check tilt connector connection
IC201 Pin 5 output duty varies with different DAC values?
No
Check and replace IC201.
Yes
IC403 Pin 10, 11 output varies with different DAC values?
No
Check and replace IC403.
Yes
Check and replace CRT.

## 5-1-12 V Deflection Failure

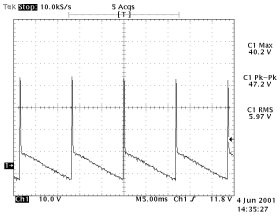



**WAVEFORMS**

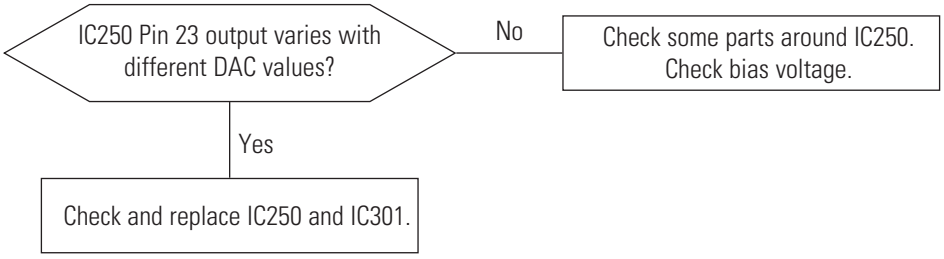
**10** IC250, #23



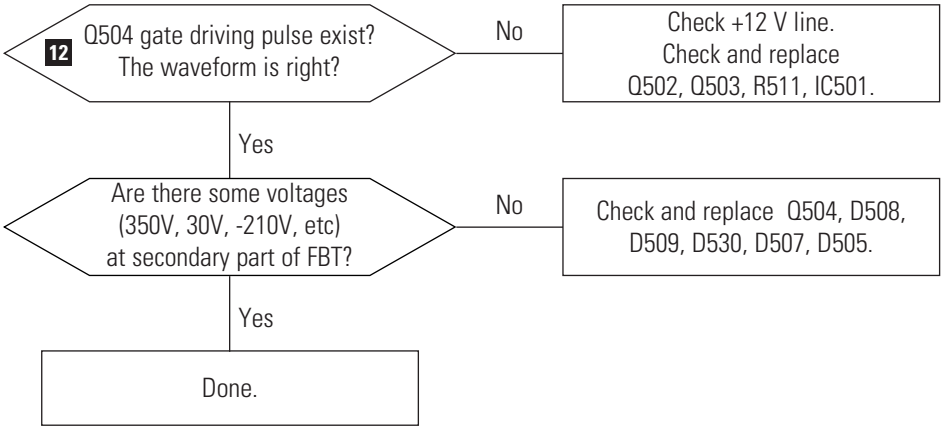
**11** IC301, #6



## 5-1-13 V Size or Pos. Variation Failure

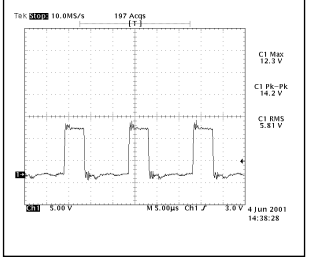

IC250 Pin 23 output varies with different DAC values?
No
Check some parts around IC250. Check bias voltage.
Yes
Check and replace IC250 and IC301.

## 5-1-14 High Voltage Failure

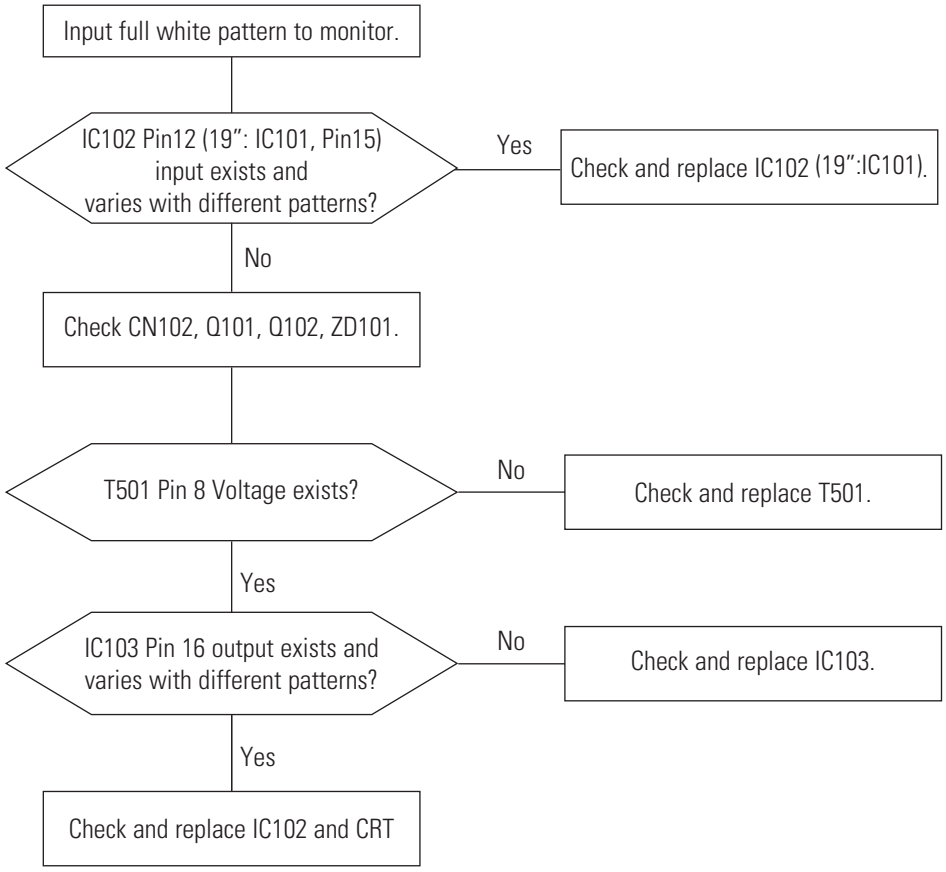

12
Q504 gate driving pulse exist? The waveform is right?
No
Check +12 V line. Check and replace Q502, Q503, R511, IC501.
Yes
Are there some voltages (350V, 30V, -210V, etc) at secondary part of FBT?
No
Check and replace Q504, D508, D509, D530, D507, D505.
Yes
Done.

**WAVEFORMS**

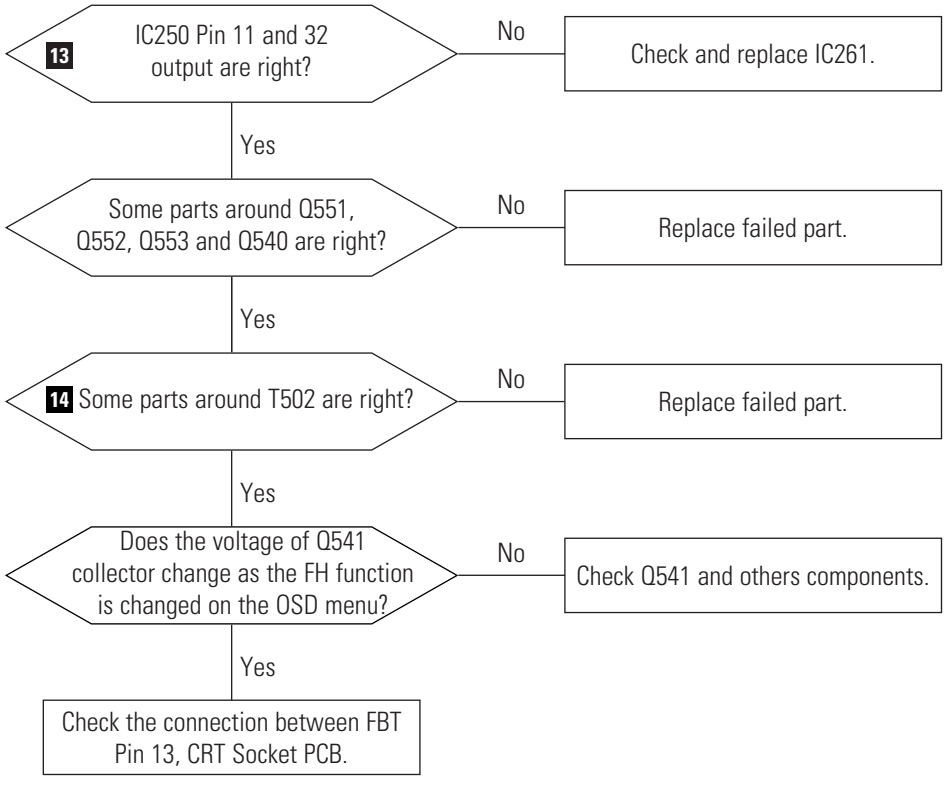
**12** Q504, Gate



## 5-1-15 ABL Failure

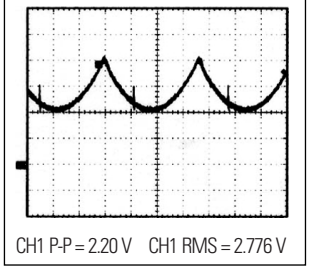

Input full white pattern to monitor.
IC102 Pin12 (19": IC101, Pin15) input exists and varies with different patterns?
Yes
Check and replace IC102 (19":IC101).
No
Check CN102, Q101, Q102, ZD101.
T501 Pin 8 Voltage exists?
No
Check and replace T501.
Yes
IC103 Pin 16 output exists and varies with different patterns?
No
Check and replace IC103.
Yes
Check and replace IC102 and CRT

## 5-1-16 Focus Failure


13
IC250 Pin 11 and 32 output are right?
No
Check and replace IC261.
Yes
Some parts around Q551, Q552, Q553 and Q540 are right?
No
Replace failed part.
Yes
14
Some parts around T502 are right?
No
Replace failed part.
Yes
Does the voltage of Q541 collector change as the FH function is changed on the OSD menu?
No
Check Q541 and others components.
Yes
Check the connection between FBT Pin 13, CRT Socket PCB.

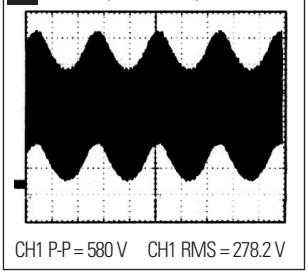
**WAVEFORMS**

**13** 2.20 V (IC250, #11, 32)



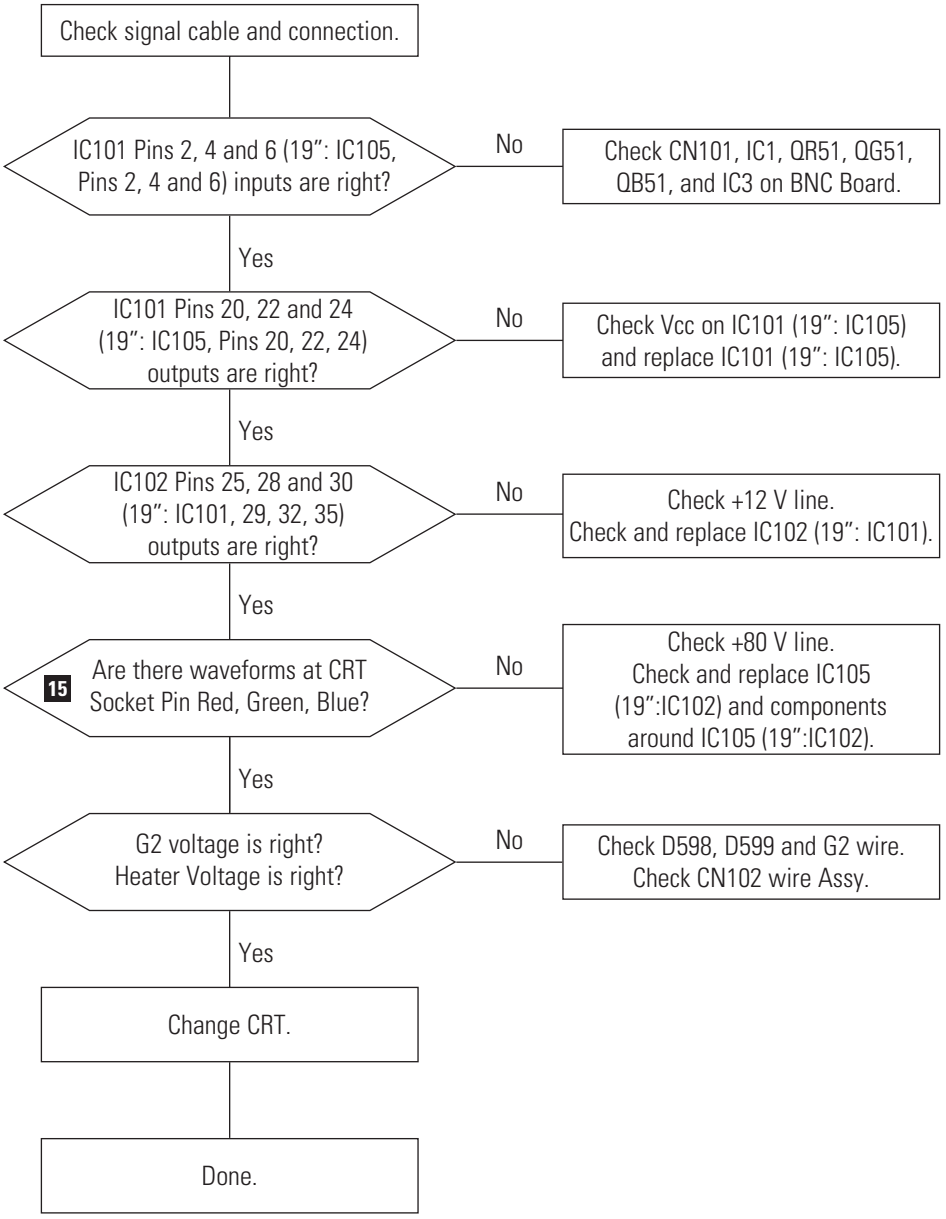
CH1 P-P = 2.20 V CH1 RMS = 2.776 V

**14** 580 V (T501, #1)



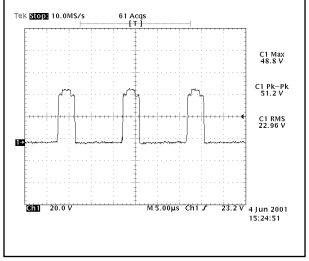
CH1 P-P = 580 V CH1 RMS = 278.2 V

## 5-1-17 No Video

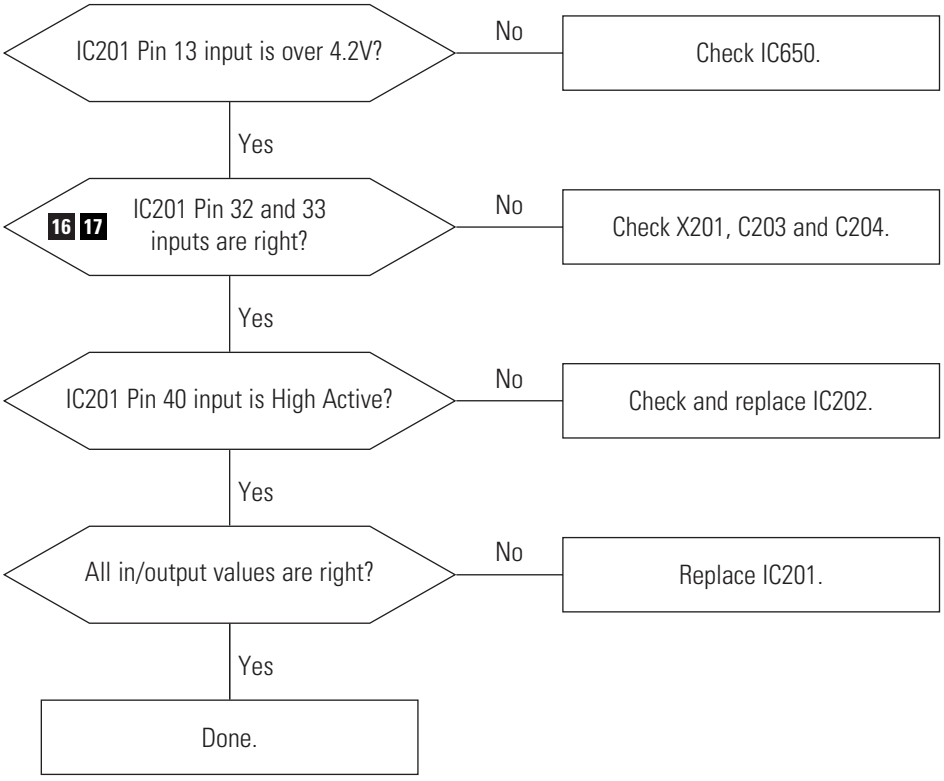

Check signal cable and connection.
IC101 Pins 2, 4 and 6 (19": IC105, Pins 2, 4 and 6) inputs are right?
No
Check CN101, IC1, QR51, QG51, QB51, and IC3 on BNC Board.
Yes
IC101 Pins 20, 22 and 24 (19": IC105, Pins 20, 22, 24) outputs are right?
No
Check Vcc on IC101 (19": IC105) and replace IC101 (19": IC105).
Yes
IC102 Pins 25, 28 and 30 (19": IC101, 29, 32, 35) outputs are right?
No
Check +12 V line. Check and replace IC102 (19": IC101).
Yes
15 Are there waveforms at CRT Socket Pin Red, Green, Blue?
No
Check +80 V line. Check and replace IC105 (19":IC102) and components around IC105 (19":IC102).
Yes
G2 voltage is right? Heater Voltage is right?
No
Check D598, D599 and G2 wire. Check CN102 wire Assy.
Yes
Change CRT.
Done.

**WAVEFORMS**

**15** CRT Socket, Red, Green, Blue

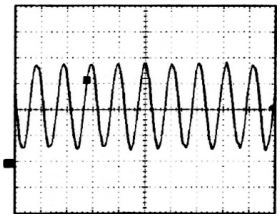


## 5-1-18 Micom Failure



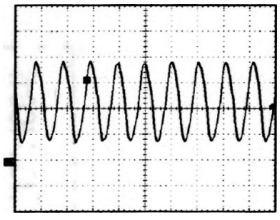

**WAVEFORMS**

**16** 3.42 V (IC201, #33)



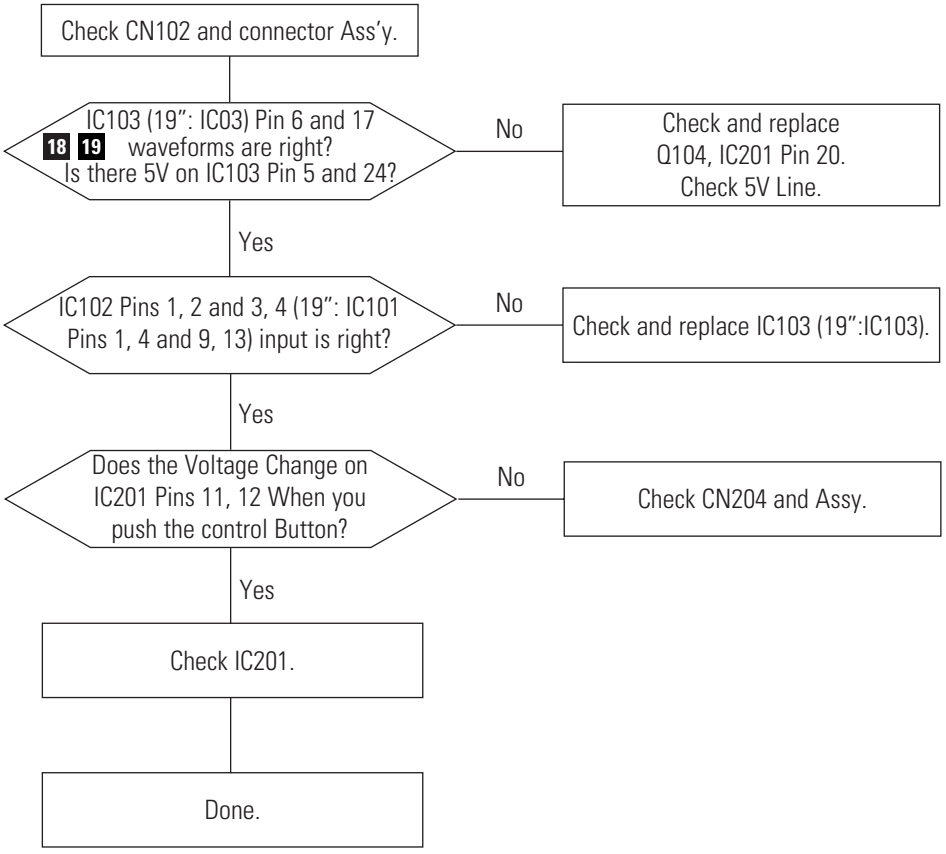
CH1 P-P = 3.42 V CH1 RMS = 2.500V

**17** 3.16 V (IC201, #32)



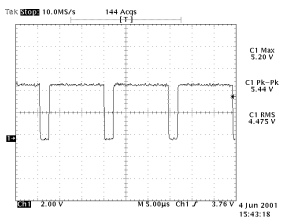
CH1 P-P = 3.16 V CH1 RMS = 2.560 V

## 5-1-19 OSD Failure

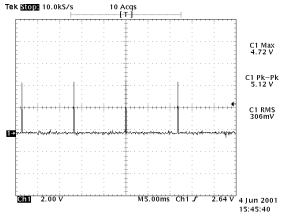

Check CN102 and connector Ass'y.
IC103 (19": IC03) Pin 6 and 17
18 19 waveforms are right?
Is there 5V on IC103 Pin 5 and 24?
No
Check and replace
Q104, IC201 Pin 20.
Check 5V Line.
Yes
IC102 Pins 1, 2 and 3, 4 (19": IC101
Pins 1, 4 and 9, 13) input is right?
No
Check and replace IC103 (19":IC103).
Yes
Does the Voltage Change on
IC201 Pins 11, 12 When you
push the control Button?
No
Check CN204 and Assy.
Yes
Check IC201.
Done.

**WAVEFORMS**

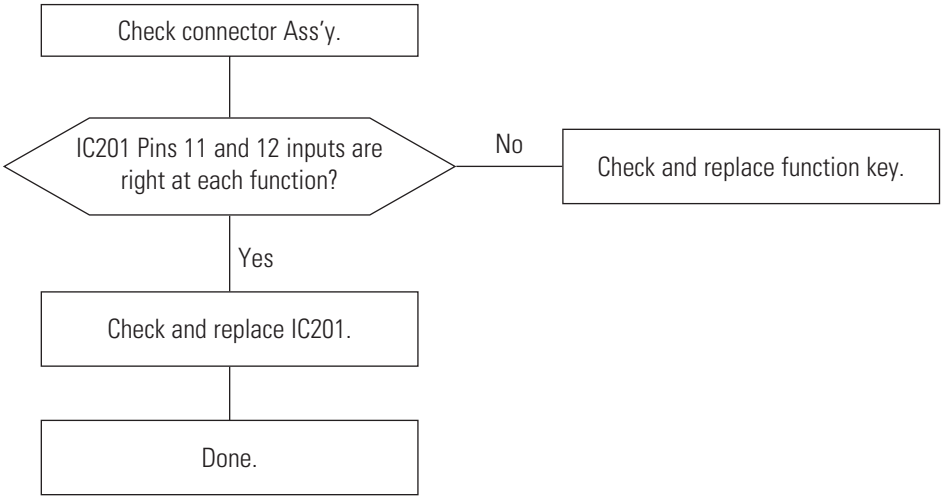
**18** IC103, #6, 17



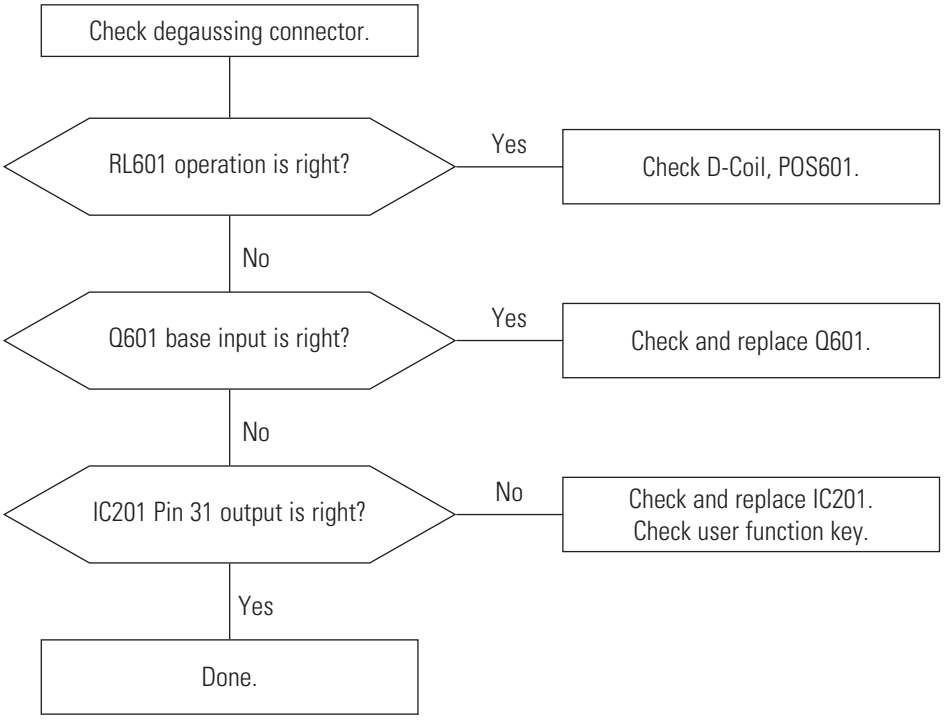
**19** IC103, #5, 24



## 5-1-20 User Control Failure

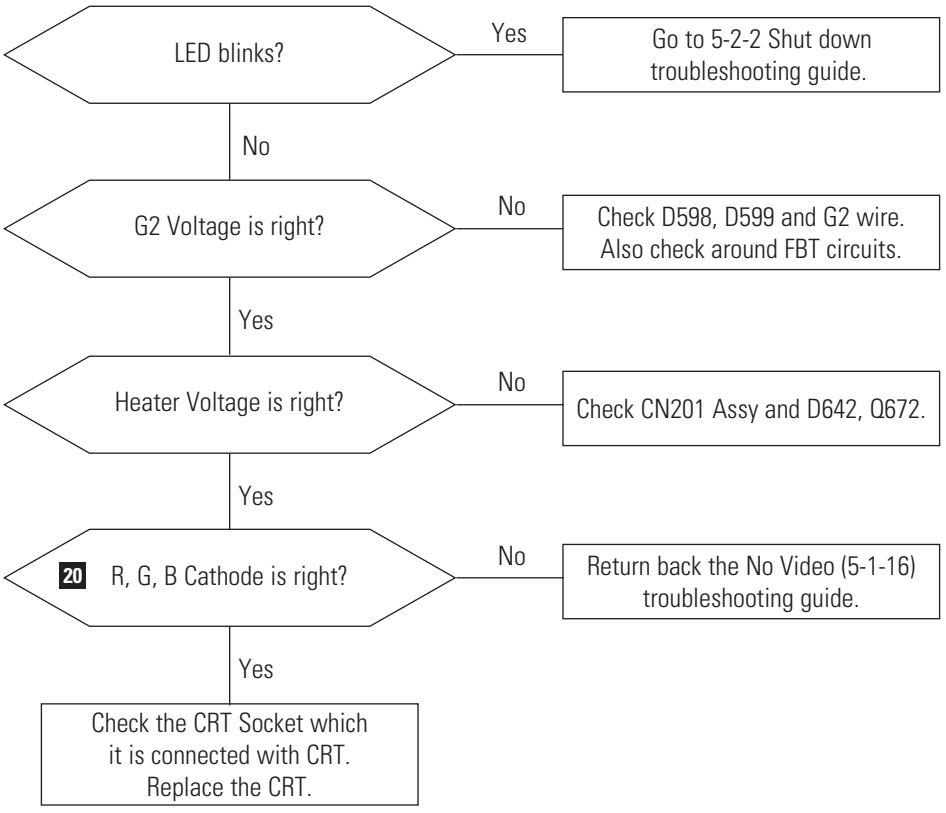



## 5-1-21 Degaussing Failure



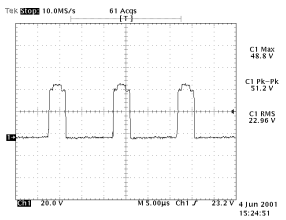
# 5-2 General Troubleshooting

## 5-2-1 No Picture

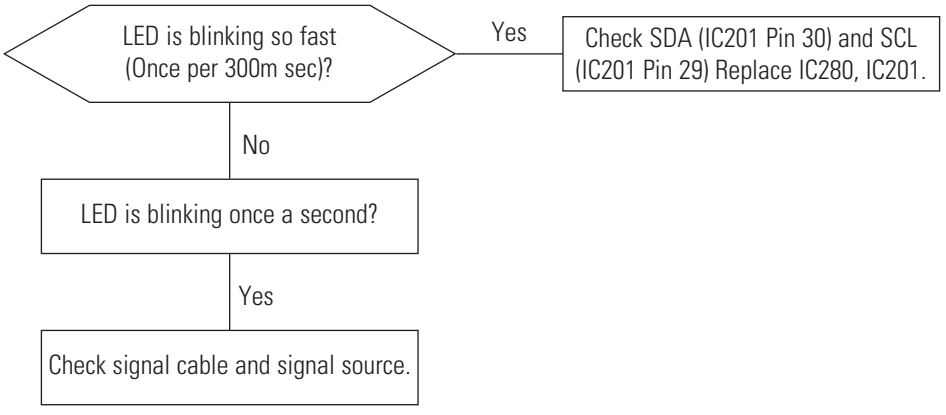

LED blinks?
Yes
Go to 5-2-2 Shut down troubleshooting guide.
No
G2 Voltage is right?
No
Check D598, D599 and G2 wire. Also check around FBT circuits.
Yes
Heater Voltage is right?
No
Check CN201 Assy and D642, Q672.
Yes
20 R, G, B Cathode is right?
No
Return back the No Video (5-1-16) troubleshooting guide.
Yes
Check the CRT Socket which it is connected with CRT. Replace the CRT.

**WAVEFORMS**

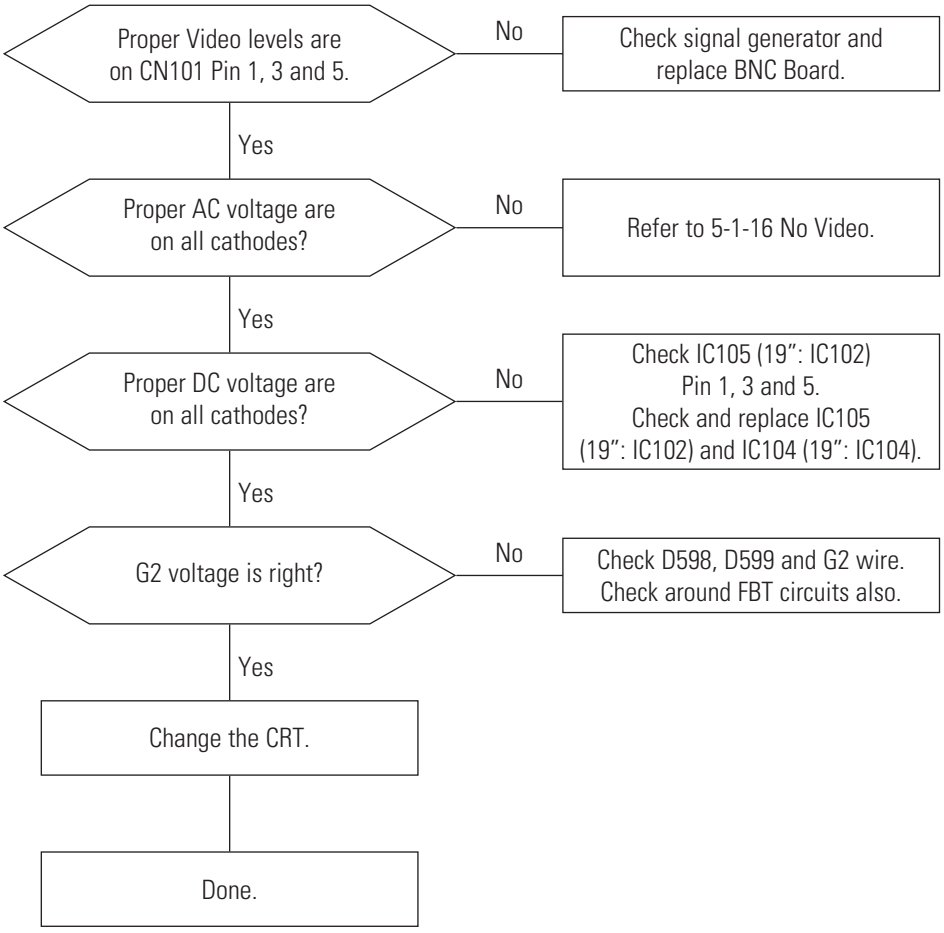
**20** R, G, B, Video



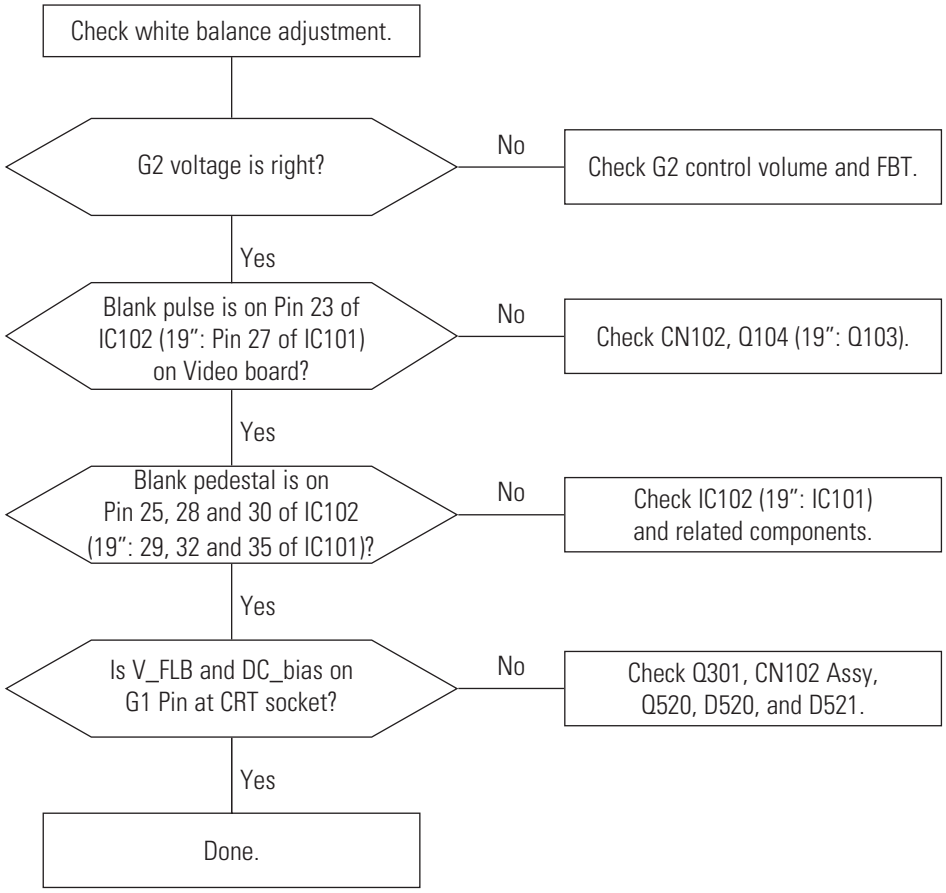
## 5-2-2 Shut Down


LED is blinking so fast (Once per 300m sec)?
Yes
Check SDA (IC201 Pin 30) and SCL (IC201 Pin 29) Replace IC280, IC201.
No
LED is blinking once a second?
Yes
Check signal cable and signal source.

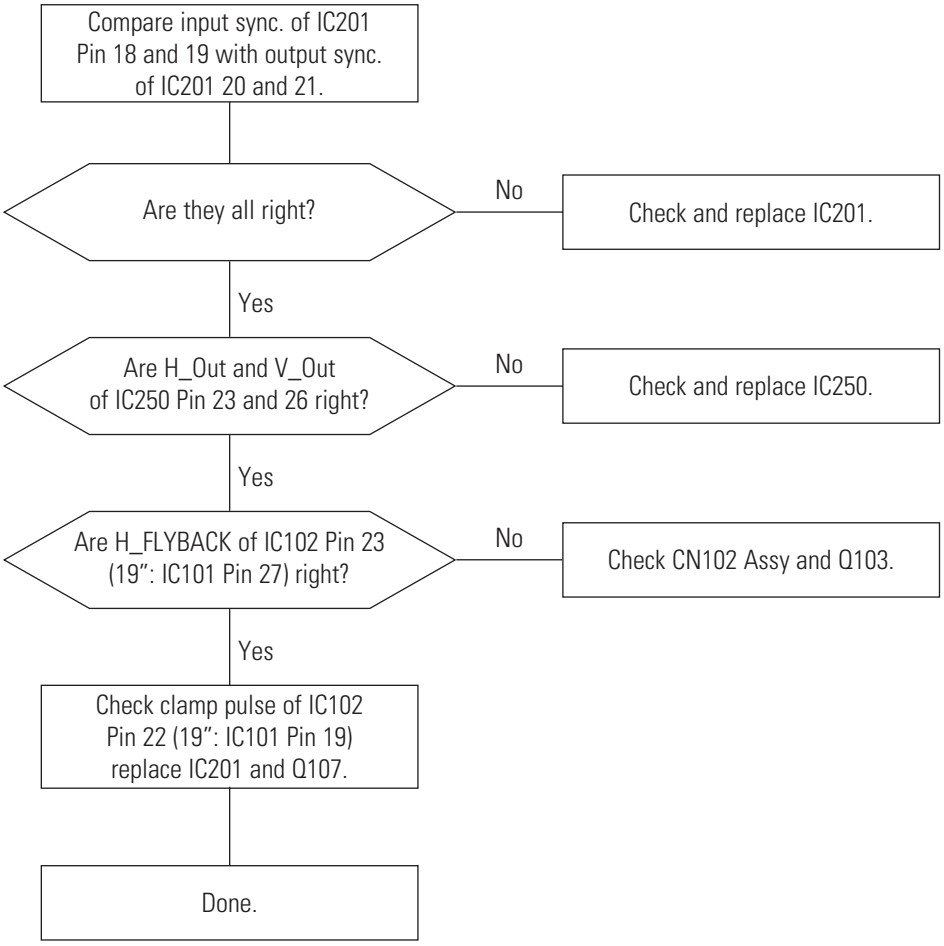
## 5-2-3 Missing Color


Proper Video levels are on CN101 Pin 1, 3 and 5.
No
Check signal generator and replace BNC Board.
Yes
Proper AC voltage are on all cathodes?
No
Refer to 5-1-16 No Video.
Yes
Proper DC voltage are on all cathodes?
No
Check IC105 (19": IC102) Pin 1, 3 and 5. Check and replace IC105 (19": IC102) and IC104 (19": IC104).
Yes
G2 voltage is right?
No
Check D598, D599 and G2 wire. Check around FBT circuits also.
Yes
Change the CRT.
Done.

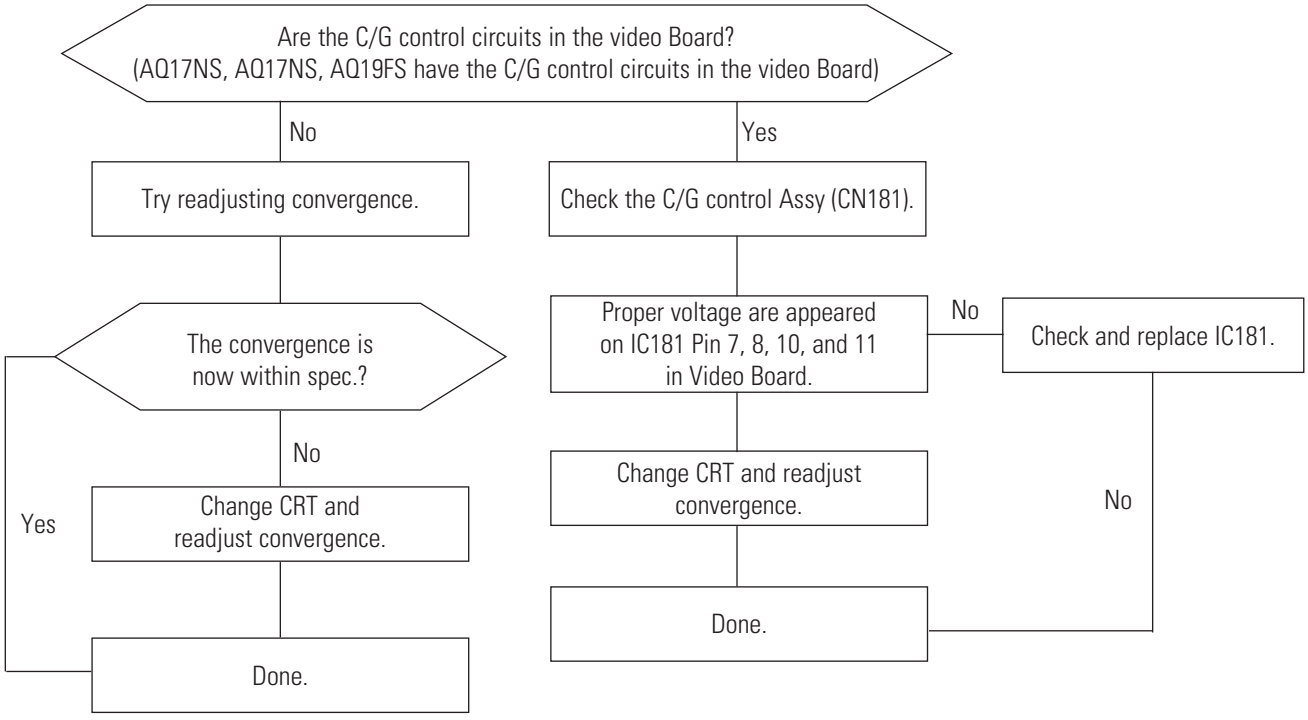
## 5-2-4 Visible Retrace


Check white balance adjustment.
G2 voltage is right?
No
Check G2 control volume and FBT.
Yes
Blank pulse is on Pin 23 of IC102 (19": Pin 27 of IC101) on Video board?
No
Check CN102, Q104 (19": Q103).
Yes
Blank pedestal is on Pin 25, 28 and 30 of IC102 (19": 29, 32 and 35 of IC101)?
No
Check IC102 (19": IC101) and related components.
Yes
Is V_FLB and DC_bias on G1 Pin at CRT socket?
No
Check Q301, CN102 Assy, Q520, D520, and D521.
Yes
Done.

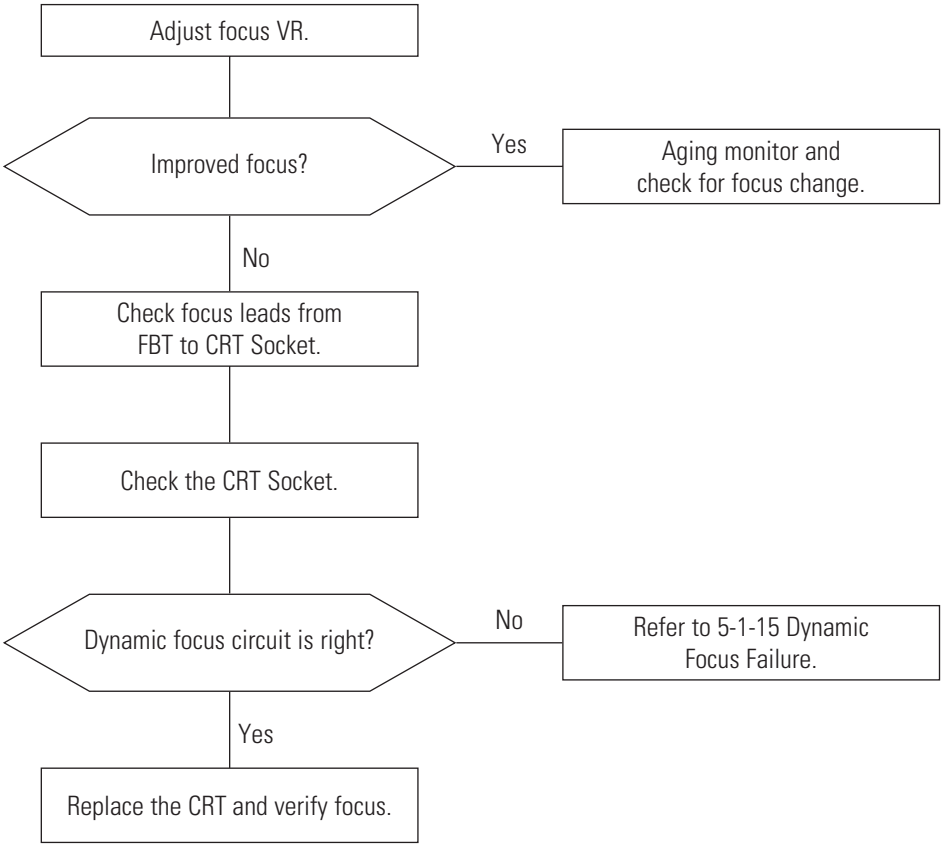
## 5-2-5 Unsynchronized Image


Compare input sync. of IC201 Pin 18 and 19 with output sync. of IC201 20 and 21.
Are they all right?
No
Check and replace IC201.
Yes
Are H_Out and V_Out of IC250 Pin 23 and 26 right?
No
Check and replace IC250.
Yes
Are H_FLYBACK of IC102 Pin 23 (19": IC101 Pin 27) right?
No
Check CN102 Assy and Q103.
Yes
Check clamp pulse of IC102 Pin 22 (19": IC101 Pin 19) replace IC201 and Q107.
Done.

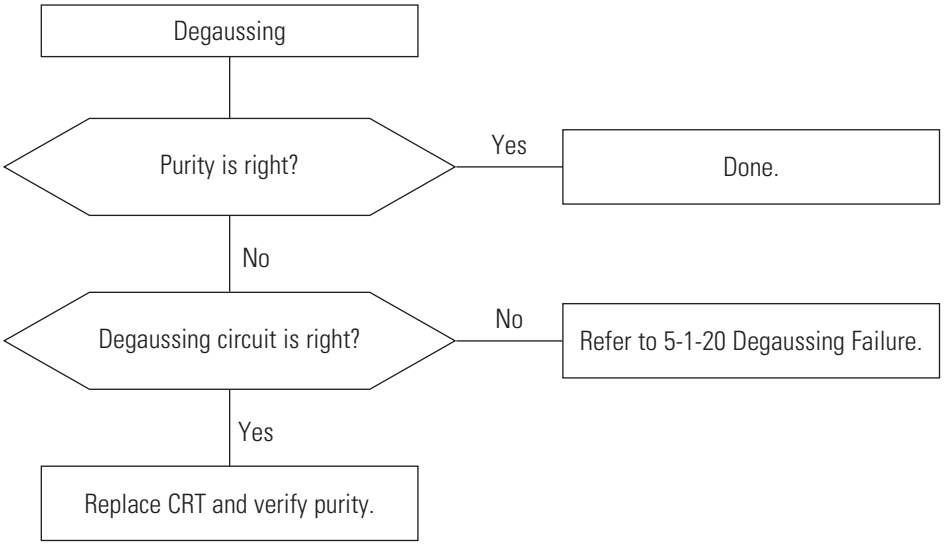
## 5-2-6 Misconvergence


Are the C/G control circuits in the video Board?
(AQ17NS, AQ17NS, AQ19FS have the C/G control circuits in the video Board)
No
Yes
Try readjusting convergence.
Check the C/G control Assy (CN181).
The convergence is now within spec.?
Proper voltage are appeared on IC181 Pin 7, 8, 10, and 11 in Video Board.
No
Check and replace IC181.
No
Change CRT and readjust convergence.
Yes
Change CRT and readjust convergence.
No
Done.
Done.

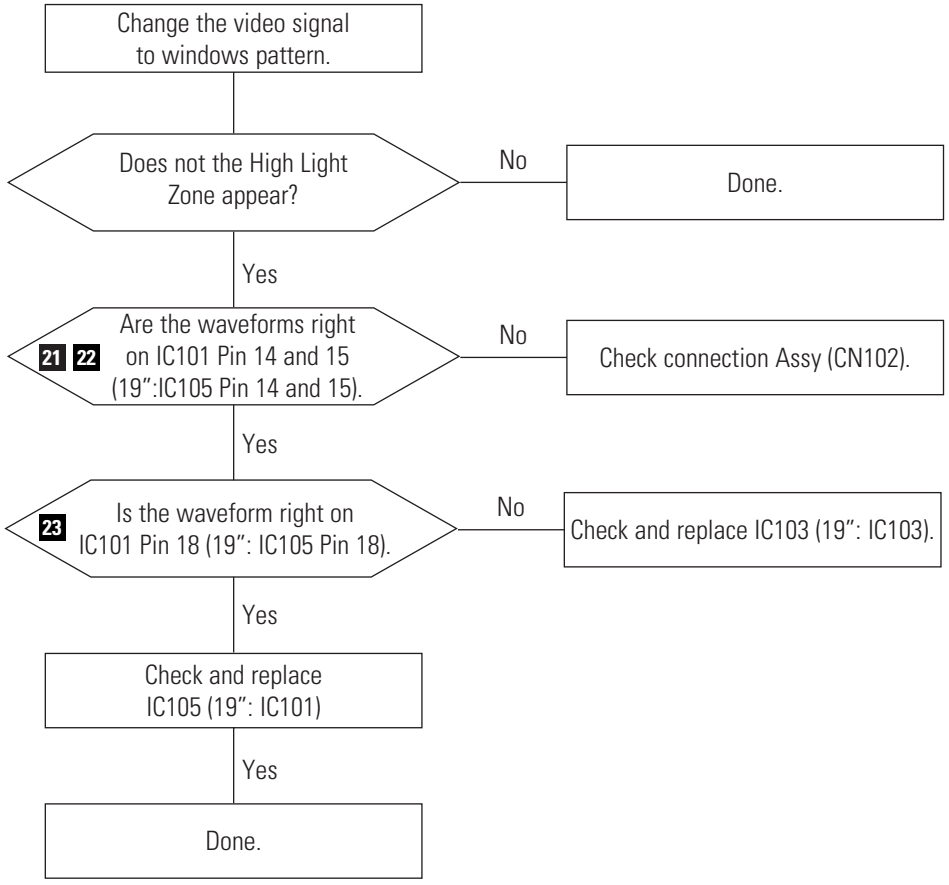
## 5-2-7 Poor Focus




## 5-2-8 Purity Failure

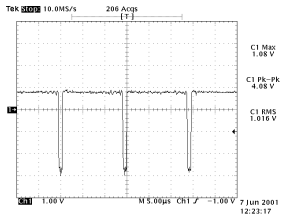


## 5-2-9 No Operating High Light Zone

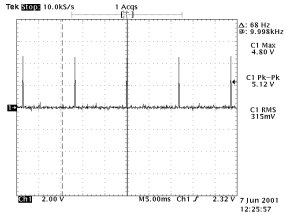



**WAVEFORMS**

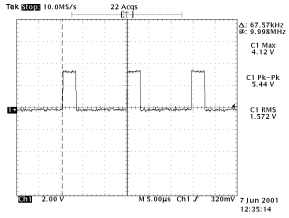
**21** IC101, #14, 15



**22** IC105, #14, 15



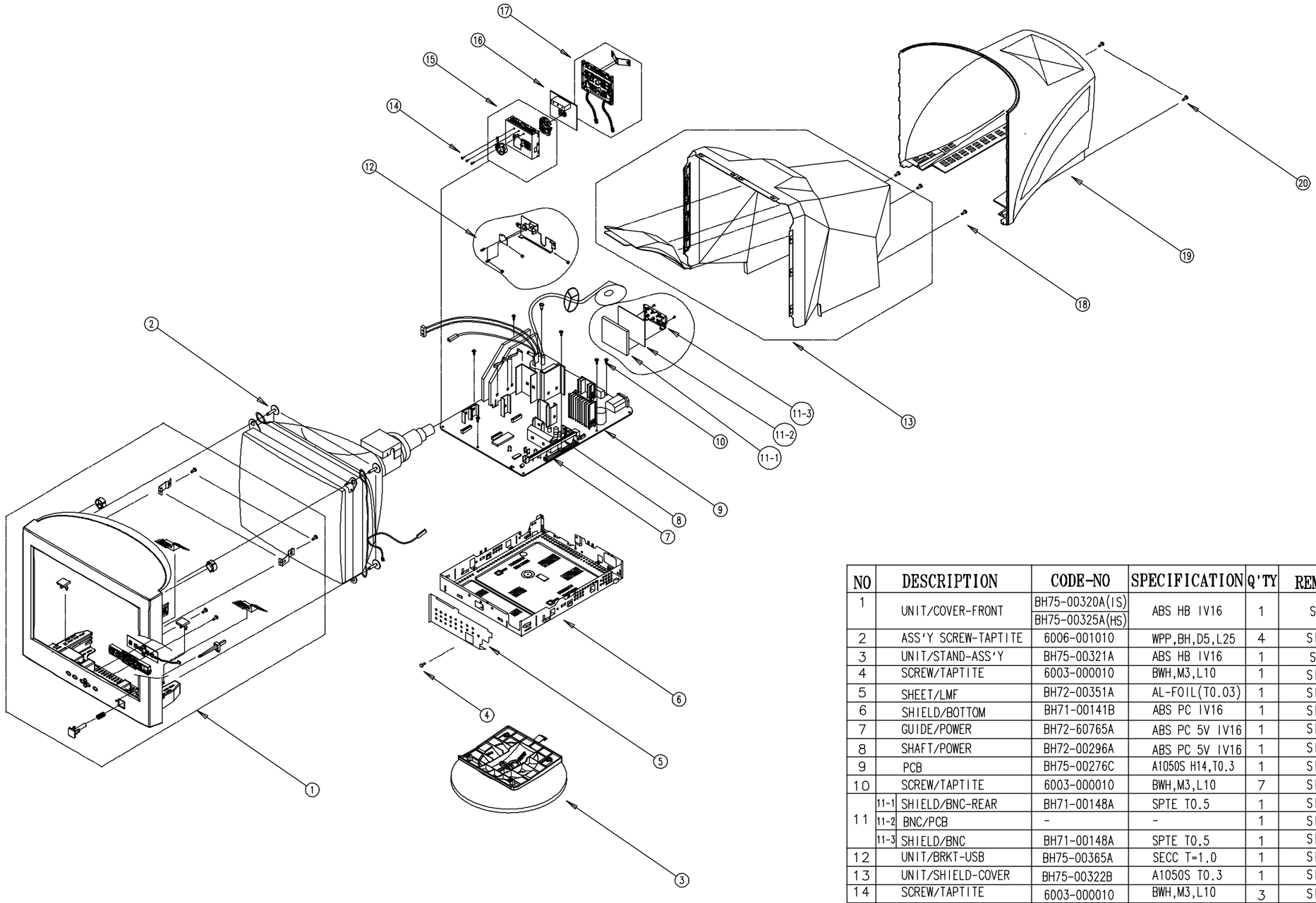
**23** IC105, #18



## Memo

# 6 Exploded View and Parts List

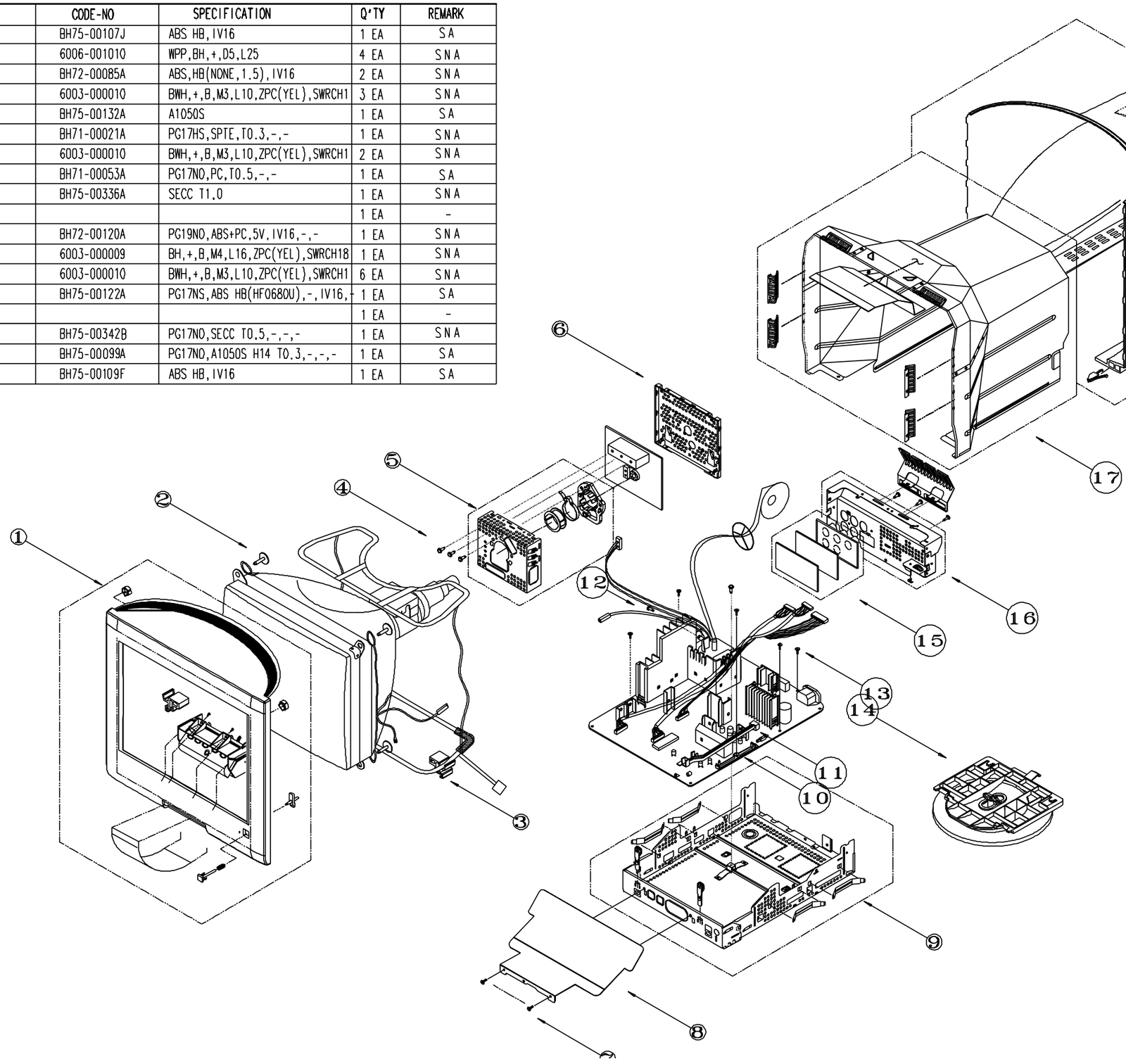
## 6-1 AQ17HS & AQ17IS




| NO | DESCRIPTION | CODE-NO | SPECIFICATION | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | UNIT/COVER-FRONT | BH75-00320A(IS)<br>BH75-00325A(HS) | ABS HB IV16 | 1 | SA |
| 2 | ASS'Y SCREW-TAPTITE | 6006-001010 | WPP,BH,D5,L25 | 4 | SNA |
| 3 | UNIT/STAND-ASS'Y | BH75-00321A | ABS HB IV16 | 1 | SA |
| 4 | SCREW/TAPTITE | 6003-000010 | BWH,M3,L10 | 1 | SNA |
| 5 | SHEET/LMF | BH72-00351A | AL-FOIL(T0.03) | 1 | SNA |
| 6 | SHIELD/BOTTOM | BH71-00141B | ABS PC IV16 | 1 | SNA |
| 7 | GUIDE/POWER | BH72-60765A | ABS PC 5V IV16 | 1 | SNA |
| 8 | SHAFT/POWER | BH72-00296A | ABS PC 5V IV16 | 1 | SNA |
| 9 | PCB | BH75-00276C | A1050S H14,T0.3 | 1 | SNA |
| 10 | SCREW/TAPTITE | 6003-000010 | BWH,M3,L10 | 7 | SNA |
| 11 | 11-1 SHIELD/BNC-REAR | BH71-00148A | SPTE T0.5 | 1 | SNA |
| | 11-2 BNC/PCB | - | - | 1 | SNA |
| | 11-3 SHIELD/BNC | BH71-00148A | SPTE T0.5 | 1 | SNA |
| 12 | UNIT/BRKT-USB | BH75-00365A | SECC T=1.0 | 1 | SNA |
| 13 | UNIT/SHIELD-COVER | BH75-00322B | A1050S T0.3 | 1 | SNA |
| 14 | SCREW/TAPTITE | 6003-000010 | BWH,M3,L10 | 3 | SNA |
| 15 | UNIT/SHIELD-VIDEO | BH75-00193A | A1050S T1.0 | 1 | SNA |
| 16 | VIDEO/PCB | - | - | 1 | - |
| 17 | UNIT/SHIELD-VIDEO-CAP | BH75-00085B | SPTE T0.2 | 1 | SNA |
| 18 | SCREW/TAPTITE | 6003-000010 | BWH,M3,L10 | 3 | SNA |
| 19 | COVER/REAR | BH72-00331A | ABS HB IV16 | 1 | SNA |
| 20 | SCREW/TAPTITE | 6003-000009 | BH,M4,L12 | 2 | SNA |

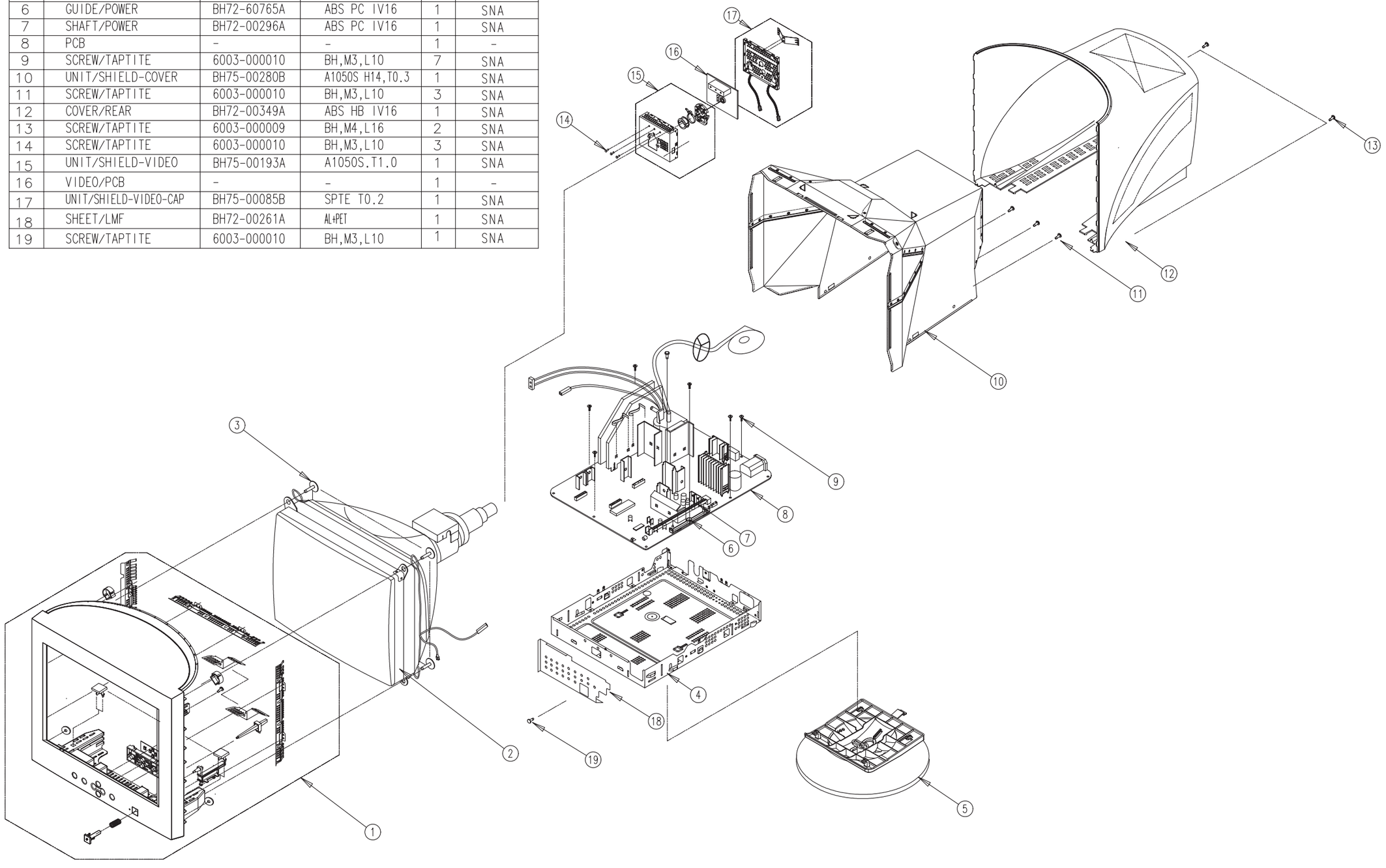
## 6-2 AQ17NS

| NO | DESCRIPTION | CODE-NO | SPECIFICATION | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | UNIT/COVER-FRONT | BH75-00107J | ABS HB,IV16 | 1 EA | SA |
| 2 | SCREW-CRT/TAPTITE | 6006-001010 | WPP,BH,+,D5,L25 | 4 EA | SNA |
| 3 | SUPPORT CDT | BH72-00085A | ABS,HB(NONE,1.5),IV16 | 2 EA | SNA |
| 4 | SCREW TAPTITE | 6003-000010 | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | 3 EA | SNA |
| 5 | UNIT/SHIELD-VIDEO | BH75-00132A | A1050S | 1 EA | SA |
| 6 | SHIELD VIDEO CAP | BH71-00021A | PG17HS,SPTE,T0.3,-,- | 1 EA | SNA |
| 7 | SCREW TAPTITE | 6003-000010 | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | 2 EA | SNA |
| 8 | SHEET LMF | BH71-00053A | PG17NO,PC,T0.5,-,- | 1 EA | SA |
| 9 | UNIT SHIELD BOTTOM | BH75-00336A | SECC T1.0 | 1 EA | SNA |
| 10 | MAIN-PCB | | | 1 EA | - |
| 11 | SHAFT POWER | BH72-00120A | PG19NO,ABS+PC,5V,IV16,-,- | 1 EA | SNA |
| 12 | SCREW TAPTITE | 6003-000009 | BH,+,B,M4,L16,ZPC(YEL),SWRCH18 | 1 EA | SNA |
| 13 | SCREW TAPTITE | 6003-000010 | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | 6 EA | SNA |
| 14 | UNIT STAND | BH75-00122A | PG17NS,ABS HB(HF0680U),-,IV16,- | 1 EA | SA |
| 15 | BNC PCB ASS'Y | | | 1 EA | - |
| 16 | UNIT SHIELD BNC | BH75-00342B | PG17NO,SECC T0.5,-,-,- | 1 EA | SNA |
| 17 | UNIT SHIELD COVER | BH75-00099A | PG17NO,A1050S H14 T0.3,-,-,- | 1 EA | SA |
| 18 | UNIT COVER REAR | BH75-00109F | ABS HB,IV16 | 1 EA | SA |



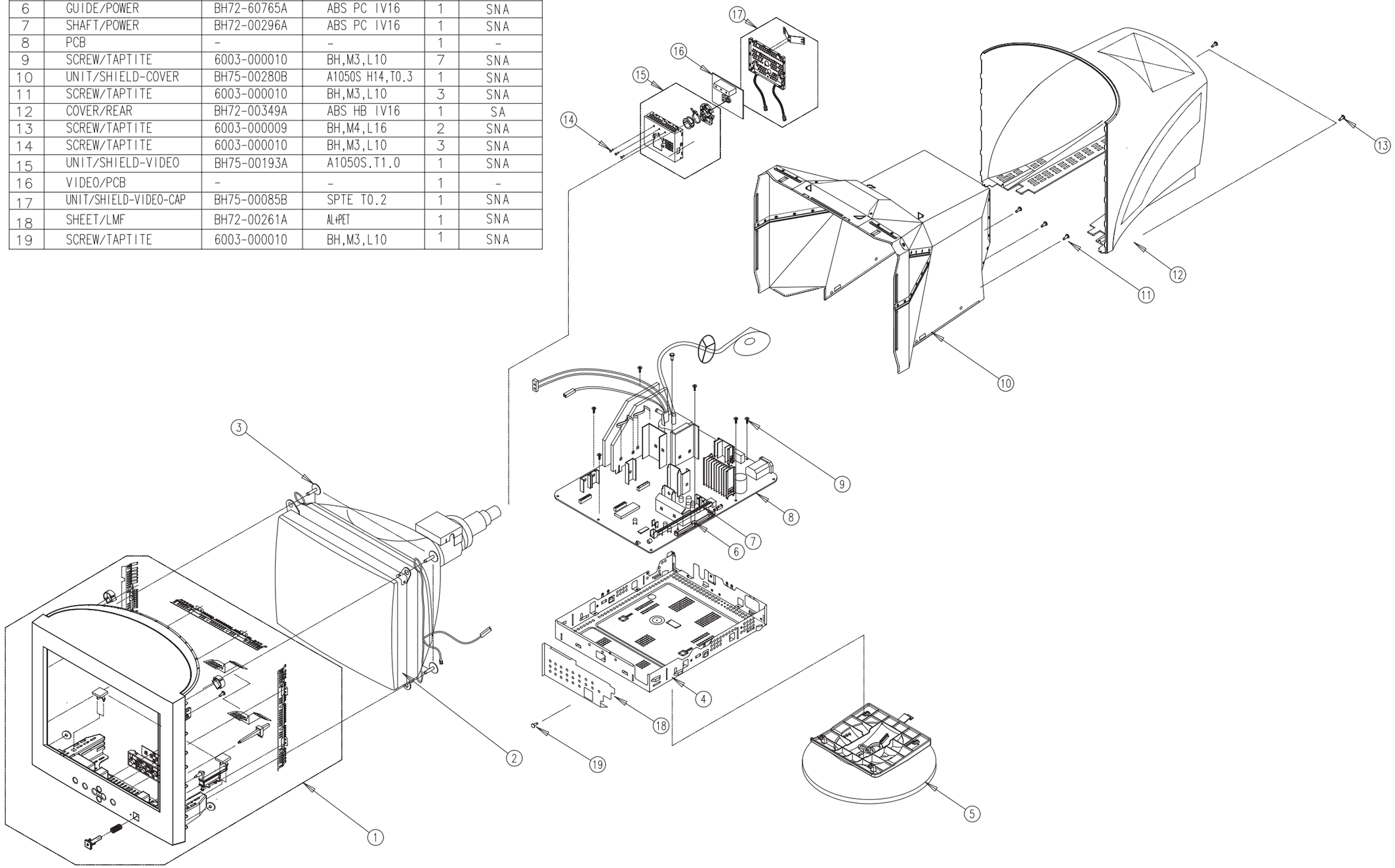
## 6-3 AQ19MS

| NO | DESCRIPTION | CODE-NO | SPECIFICATION | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | UNIT/COVER-FRONT | BH75-00326A | ABS HB IV16 | 1 | SA |
| 2 | CDT | - | - | 1 | - |
| 3 | SCREW/TAPTITE | 6006-000201 | BH,M5,L30 | 4 | SNA |
| 4 | SHIELD-BOTTOM | BH71-00141A | SECC T1.0 | 1 | SNA |
| 5 | UNIT/STAND-ASS'Y | BH75-00335A | ABS HB IV16 | 1 | SA |
| 6 | GUIDE/POWER | BH72-60765A | ABS PC IV16 | 1 | SNA |
| 7 | SHAFT/POWER | BH72-00296A | ABS PC IV16 | 1 | SNA |
| 8 | PCB | - | - | 1 | - |
| 9 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 7 | SNA |
| 10 | UNIT/SHIELD-COVER | BH75-00280B | A1050S H14,T0.3 | 1 | SNA |
| 11 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 3 | SNA |
| 12 | COVER/REAR | BH72-00349A | ABS HB IV16 | 1 | SNA |
| 13 | SCREW/TAPTITE | 6003-000009 | BH,M4,L16 | 2 | SNA |
| 14 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 3 | SNA |
| 15 | UNIT/SHIELD-VIDEO | BH75-00193A | A1050S.T1.0 | 1 | SNA |
| 16 | VIDEO/PCB | - | - | 1 | - |
| 17 | UNIT/SHIELD-VIDEO-CAP | BH75-00085B | SPTE T0.2 | 1 | SNA |
| 18 | SHEET/LMF | BH72-00261A | AL+PET | 1 | SNA |
| 19 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 1 | SNA |



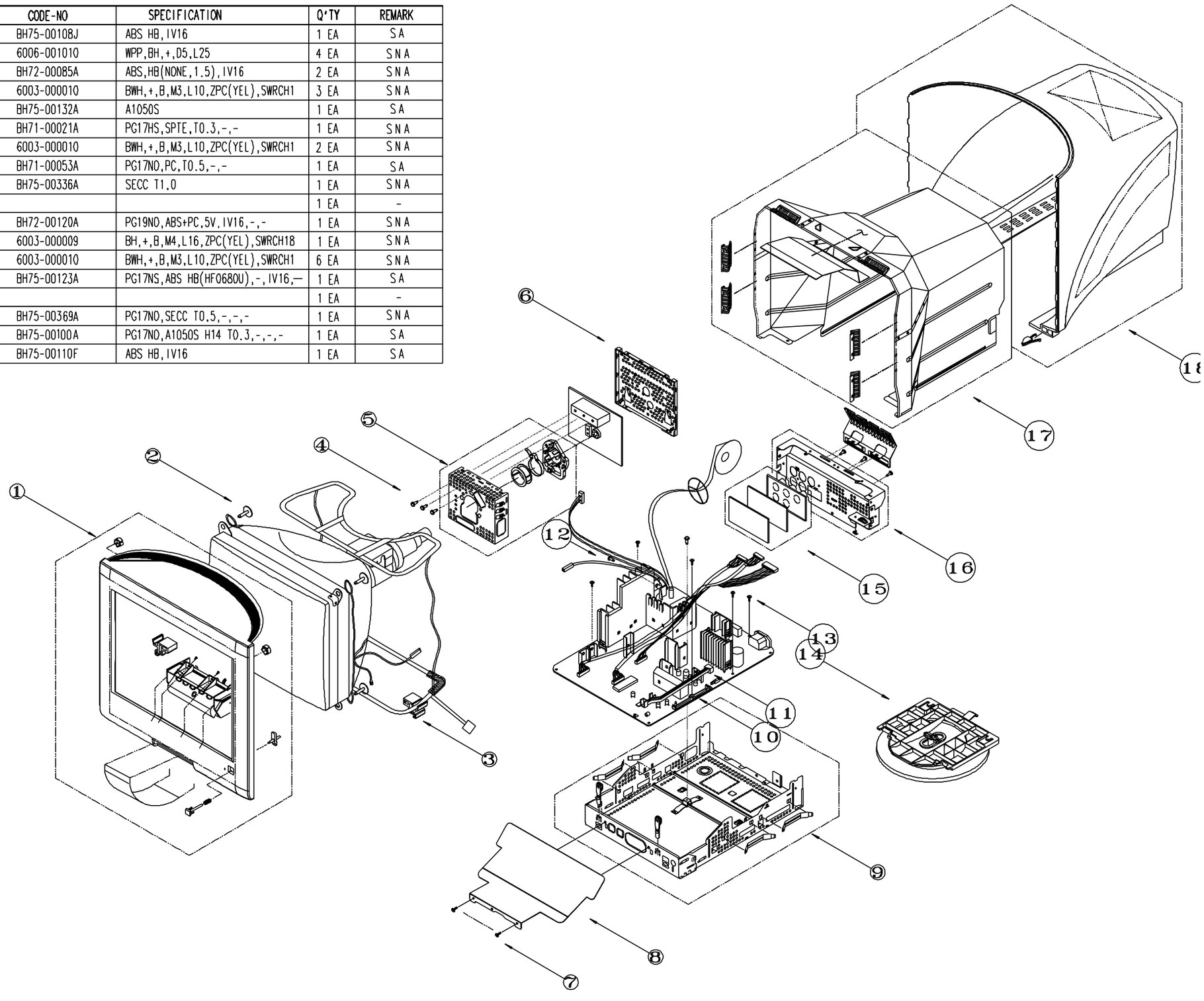
## 6-4 AQ19IS

| NO | DESCRIPTION | CODE-NO(PN1910) | SPECIFICATION | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | UNIT/COVER-FRONT | BH75-00341A | ABS HB IV16 | 1 | SA |
| 2 | CDT | - | - | 1 | - |
| 3 | SCREW/TAPTITE | 6006-000201 | BH,M5,L30 | 4 | SNA |
| 4 | SHIELD-BOTTOM | BH71-00141A | SECC T1.0 | 1 | SNA |
| 5 | UNIT/STAND-ASS'Y | BH75-00335A | ABS HB IV16 | 1 | SA |
| 6 | GUIDE/POWER | BH72-60765A | ABS PC IV16 | 1 | SNA |
| 7 | SHAFT/POWER | BH72-00296A | ABS PC IV16 | 1 | SNA |
| 8 | PCB | - | - | 1 | - |
| 9 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 7 | SNA |
| 10 | UNIT/SHIELD-COVER | BH75-00280B | A1050S H14,T0.3 | 1 | SNA |
| 11 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 3 | SNA |
| 12 | COVER/REAR | BH72-00349A | ABS HB IV16 | 1 | SA |
| 13 | SCREW/TAPTITE | 6003-000009 | BH,M4,L16 | 2 | SNA |
| 14 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 3 | SNA |
| 15 | UNIT/SHIELD-VIDEO | BH75-00193A | A1050S.T1.0 | 1 | SNA |
| 16 | VIDEO/PCB | - | - | 1 | - |
| 17 | UNIT/SHIELD-VIDEO-CAP | BH75-00085B | SPTE T0.2 | 1 | SNA |
| 18 | SHEET/LMF | BH72-00261A | AL+PET | 1 | SNA |
| 19 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 1 | SNA |



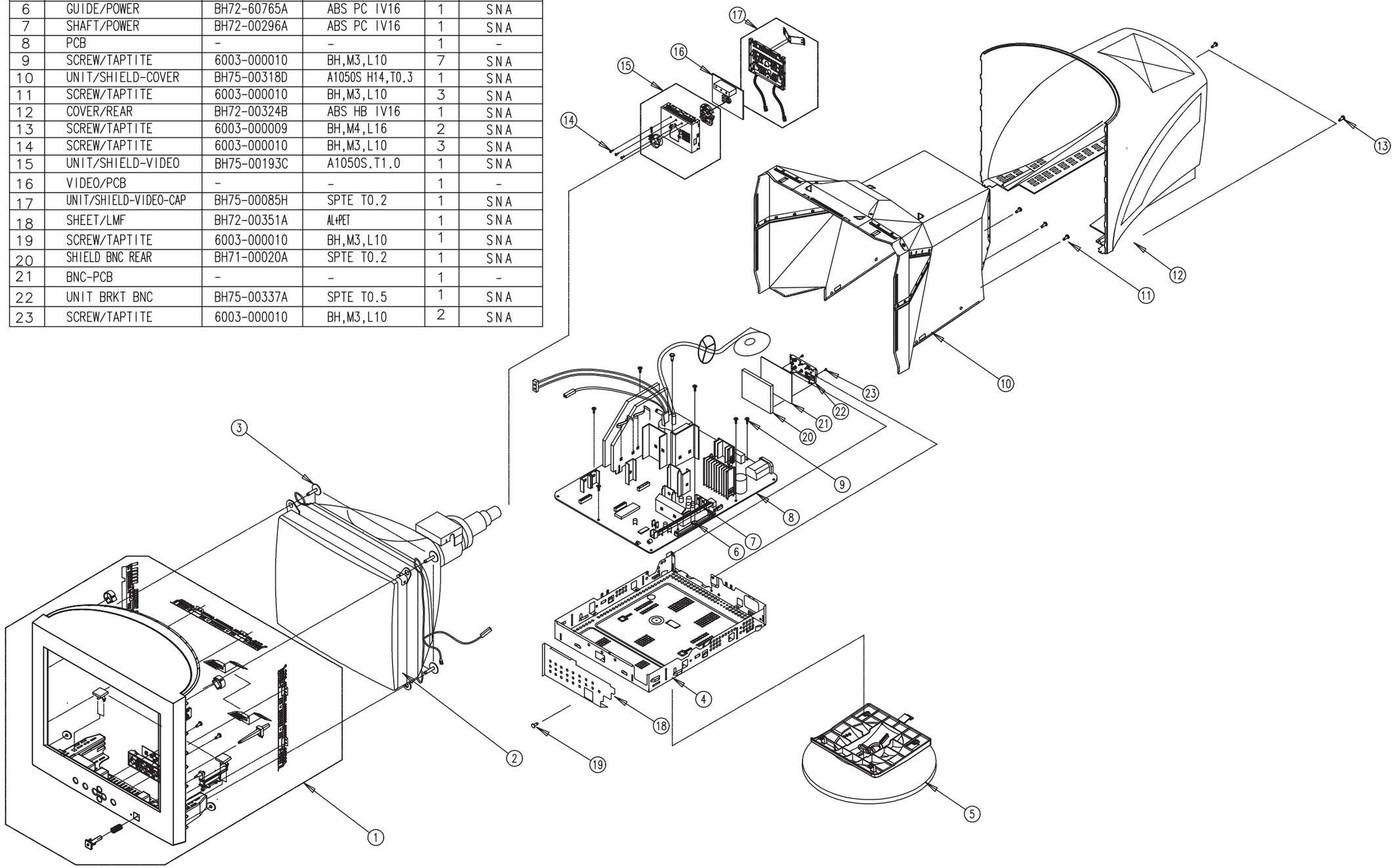
## 6-5 AQ19NS

| NO | DESCRIPTION | CODE-NO | SPECIFICATION | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | UNIT/COVER-FRONT | BH75-00108J | ABS HB,IV16 | 1 EA | SA |
| 2 | SCREW-CRT/TAPTITE | 6006-001010 | WPP,BH,+,D5,L25 | 4 EA | SNA |
| 3 | SUPPORT CDT | BH72-00085A | ABS,HB(NONE,1.5),IV16 | 2 EA | SNA |
| 4 | SCREW TAPTITE | 6003-000010 | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | 3 EA | SNA |
| 5 | UNIT/SHIELD-VIDEO | BH75-00132A | A1050S | 1 EA | SA |
| 6 | SHIELD VIDEO CAP | BH71-00021A | PG17HS,SPTE,T0.3,-,- | 1 EA | SNA |
| 7 | SCREW TAPTITE | 6003-000010 | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | 2 EA | SNA |
| 8 | SHEET LMF | BH71-00053A | PG17NO,PC,T0.5,-,- | 1 EA | SA |
| 9 | UNIT SHIELD BOTTOM | BH75-00336A | SECC T1.0 | 1 EA | SNA |
| 10 | MAIN-PCB | | | 1 EA | - |
| 11 | SHAFT POWER | BH72-00120A | PG19NO,ABS+PC,5V,IV16,-,- | 1 EA | SNA |
| 12 | SCREW TAPTITE | 6003-000009 | BH,+,B,M4,L16,ZPC(YEL),SWRCH18 | 1 EA | SNA |
| 13 | SCREW TAPTITE | 6003-000010 | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | 6 EA | SNA |
| 14 | UNIT STAND | BH75-00123A | PG17NS,ABS HB(HF0680U),-,IV16,— | 1 EA | SA |
| 15 | BNC PCB ASS'Y | | | 1 EA | - |
| 16 | UNIT SHIELD BNC | BH75-00369A | PG17NO,SECC T0.5,-,-,- | 1 EA | SNA |
| 17 | UNIT SHIELD COVER | BH75-00100A | PG17NO,A1050S H14 T0.3,-,-,- | 1 EA | SA |
| 18 | UNIT COVER REAR | BH75-00110F | ABS HB,IV16 | 1 EA | SA |



## 6-6 AQ19FS

| NO | DESCRIPTION | CODE-NO(PN1910) | SPECIFICATION | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | UNIT/COVER-FRONT | BH75-00315A | ABS HB IV16 | 1 | SA |
| 2 | CDT | - | - | 1 | - |
| 3 | SCREW/TAPTITE | 6006-000201 | BH,M5,L30 | 4 | SNA |
| 4 | SHIELD-BOTTOM | BH71-00141B | SECC T1.0 | 1 | SNA |
| 5 | UNIT/STAND-ASS'Y | BH75-00316A | ABS HB IV16 | 1 | SA |
| 6 | GUIDE/POWER | BH72-60765A | ABS PC IV16 | 1 | SNA |
| 7 | SHAFT/POWER | BH72-00296A | ABS PC IV16 | 1 | SNA |
| 8 | PCB | - | - | 1 | - |
| 9 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 7 | SNA |
| 10 | UNIT/SHIELD-COVER | BH75-00318D | A1050S H14,T0.3 | 1 | SNA |
| 11 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 3 | SNA |
| 12 | COVER/REAR | BH72-00324B | ABS HB IV16 | 1 | SNA |
| 13 | SCREW/TAPTITE | 6003-000009 | BH,M4,L16 | 2 | SNA |
| 14 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 3 | SNA |
| 15 | UNIT/SHIELD-VIDEO | BH75-00193C | A1050S.T1.0 | 1 | SNA |
| 16 | VIDEO/PCB | - | - | 1 | - |
| 17 | UNIT/SHIELD-VIDEO-CAP | BH75-00085H | SPTE T0.2 | 1 | SNA |
| 18 | SHEET/LMF | BH72-00351A | AL+PET | 1 | SNA |
| 19 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 1 | SNA |
| 20 | SHIELD BNC REAR | BH71-00020A | SPTE T0.2 | 1 | SNA |
| 21 | BNC-PCB | - | - | 1 | - |
| 22 | UNIT BRKT BNC | BH75-00337A | SPTE T0.5 | 1 | SNA |
| 23 | SCREW/TAPTITE | 6003-000010 | BH,M3,L10 | 2 | SNA |



# 7 Electrical Parts List

## 7-1-1 AQ17** Main PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C416 | 2306-000147 | C-FILM,MPPF | 1uF,5%,250V,BK,26x24x15,22.5mm | |
| C602 | 2305-001049 | C-FILM,MPEF | 1000nF,10%,275V,BK,31x23x13mm,27.5 | ⚠ |
| C607 | 2401-003391 | C-AL | 220uF,20%,450V,GP,BK,25x50,10 | |
| C701 | 2301-001314 | C-FILM,MPPF | 470NF,10%,275V,BK,25X11.5X21MM,22.5 | |
| CIS | 6501-000004 | CABLE TIE | DA-80,T1,W2.5,L80,NTR,NYLON66 | SNA |
| CIS | BH72-60765A | GUIDE-POWER | CSM92*,ABS+PC,5V,IV16,T3,- | SNA |
| CIS | BH68-00001A | LABEL/MARK-CDT | ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT | SNA |
| CIS | BH46-00003H | MICOM-S/W,AQUILA | AQUILA17,-,-,-,-,-,- | SNA |
| CIS | BH73-60304C | RUBBER-SUPPORT | DP15LT,CR V0,GRAY,-,14*7*10,-,- | SNA |
| CIS | BH72-00296A | SHAFT-POWER | PN19LT,ABS+PC,IV16,-,5V,-,-,- | SNA |
| CIS | BH72-00351A | SHEET-LMF | AQ19FS,AL+PET,-,-,-,-,-,- | SNA |
| CIS | BH71-00141B | SHIELD-BOTTOM | AQ19FS,SECC ,T1.0,-,DELL,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CIS | 0203-001201 | TAPE-PAPER | #FB-300,T0.16,W6,L2000M,R/BLU | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CN201 | 3711-004352 | CONNECTOR-HEADER | BOX,15P,1R,2MM,STRAIGHT,SN | SNA |
| CN201_ASSY | BH39-00060A | CBF-HARNESS | 15P/15P,180MM,WHT/BLU/RED/BLK,UL1007,AWG26,SMH200-15 | |
| CN202 | 3711-004351 | CONNECTOR-HEADER | NOWALL,16P,1R,2.54MM,STRAIGHT,SN | SNA |
| CN204 | 3711-004379 | CONNECTOR-HEADER | BOX,4P,1R,2MM,STRAIGHT,SN | SNA |
| CN205 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| CN205_ASSY | BH39-00362A | WIRE HARNESS | AQ19FS,UL1007#26,UL/CSA,5P/5P,320MM,WHT,AWG26,SMH200-05,-,-,-,-,-,-,- | |
| CN211 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| CN211+CN212 | BH39-00368A | CBF HARNESS | AQ17IS,U2464#26-4C,U2464,80°C,300V,5P/5P,240MM,BLK,26AWG*4,SMH200-05,SMH200-05,B | |
| CN212 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| CN401 | 3711-003989 | CONNECTOR-HEADER | NOWALL,4P,1R,8mm,STRAIGHT,SN | SNA |
| CORE_FBT | 3301-000130 | CORE-FERRITE | AC,23.5x9.4x12.6mm,1500,2800G | SNA |
| D402 | 0402-001441 | DIODE-RECTIFIER | -,40V,3A,DO-201AD,BK | ⚠ |
| D505 | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO-201AD,BK | |
| D507 | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO-201AD,BK | |
| D601 | 0402-001227 | DIODE-BRIDGE | D3SBA60,600V,2.3A,SIP-4,BK | ⚠ |
| D647 | 0402-000250 | DIODE-RECTIFIER | RG4C,1000V,1A,- | ⚠ |
| EY599 | BH39-00232A | CBF-HARNESS | DP17M0,UL1032,UL/CSA,1P,290MM,RED,AWG22,YHF800-1,-,-,-,-,-,-,-,CBF-CONN ASS'Y | |
| FG601 | 3601-000455 | FUSE-CARTRIDGE | 250V,4A,TIME-LAG,CERAMIC,5.2x20mm | ⚠ |
| HS301 | 6502-000132 | CABLE CLAMP | DAWS-1NE,ID11,L21.0,NTR,NYLON66 | SNA |
| HS402_1 | 6502-000135 | CABLE CLAMP | DAWS-2NA,ID10,-,NTR,NYLON66 | SNA |
| HS504 | 6502-000001 | CABLE CLAMP | DAWH-5NB,D15,L35,NTR,NYLON66 | SNA |
| IC201 | 0903-001237 | IC-MICROCONTROLLER | ST72774,8BIT,DIP,42P,-,24MHZ,ST,HCMOS,PLASTIC,5.5V,-,0TO+70C,1KB,60KB,8BIT,-,IC- | SNA |
| IC201_SOCKET | 3704-001071 | SOCKET-IC | 42P,DIP,SN,1.778mm | |
| IC250 | 1204-001697 | IC-DEF. PROCESSOR | TDA9112,DIP,32P,350MIL,PLASTIC,13.2V,-,0to+70C,ST,DEF.PROCESSOR | |
| IC403 | BH13-00009A | IC-H/V CONVERGENCE | PG17/19,AN5452,SIP,12P,H/V CONVERGENCE,-,1171MW | |
| IC620 | 0604-001018 | PHOTO-COUPLER | DAR-TR,63-125%,200mW,DIP-4,ST | ⚠ SNA |
| JW01 | BH39-40306D | CBF-HARNESS | ,80MM,BLK,1015,AWG22,-,-,-,-,- | |
| L402 | BH27-20345J | COIL-HORIZ.CENTER | -,3.5mH,-,OB6*30-1HHA,-,-,-,-,6.0ohm,-,-,-,BULK | |
| L403 | BH26-00001A | TRANS-H.LINEARITY | -,-,5P,-,-,5.0UH/47.5MH,-, ,-,19.0,-,YL-81,DR1420,C:6.0,-,-,BULK,- | |
| L503 | BH27-00037A | COIL-CHOKE | 3.5uH,+/-10%,12*15,BULK,-,- | |
| L601 | BH27-00025A | COIL-LINE FILTER | -,24.0mH,-,SQE-2828,65.5Ts,PHENOLIC,-,-,0.20 ohm,-,-,-,BK | |
| L701 | BH27-00053A | COIL CHOKE | TO-2012,195uH,-,20.20*12.57*6.35,65Ts,PHENOLIC,-,-,0.08ohm,17.0*32.0*10.0,-,-,- | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| LC601 | 2901-001173 | FILTER-EMI AC LINE | 250V,3A,UL/CSA/TUV/SEMKO,2200pF,32x39.7x23.4mm,BK,- | ⚠ |
| M/PCB+SH/BTM | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| OP1 | 0601-001147 | LED | ROUND,GRN,4.75mm,565nm | SNA |
| POS601 | 1404-000002 | THERMISTOR-PTC | 9ohm,20%,-,-,TR,RECT,- | |
| Q401 | 0505-001357 | FET-SILICON | SKS4N20,N,200V,3A,1.3OHM,27W,TO-220F | |
| Q407 | 0505-001305 | FET-SILICON | SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F | |
| R400 | 2003-000473 | R-METAL OXIDE(S) | 10ohm,5%,3W,AA,TP,6x16mm | |
| R407 | 2003-000423 | R-METAL OXIDE(S) | 1.2ohm,5%,3W,AA,TP,6x16mm | |
| R516 | 2006-001066 | R-CEMENT | 33OHM,5%,7W,CS,BK,9X10X54MM | |
| R608 | 2003-000756 | R-METAL OXIDE(S) | 33OHM,5%,7W,CS,BK,9X10X54MM | |
| RL601 | 3501-001111 | RELAY-POWER | 12Vdc,250mW,5A,1FormA,15mS,5mS | ⚠ |
| SH/BNC+SH/BTM | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SH/LMF+SH/BTM | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SW1 | 3403-001116 | SWITCH-PUSH | 30VDC,0.1A,2C2P,SELF LOCK,- | |
| T401 | BH26-00094A | TRANS HORIZ.DRIVE | EI-2218,PIN19,8P,2.5mH,-,-,78uH,-,-,0.6ohm/0.12ohm,-,PL3,DMR30,EI-2218,18.0uH,,- | ⚠ |
| T402 | BH26-00093A | TRANS-H-.PULSE | EI-2820,PIN19,10P,1.5mH,-,-,130uH,-,-,1.2ohm/0.32ohm,-,PL3,DMR30,EI-2820,70uH MAX | ⚠ |
| T501 | BH26-00131A | TRANS FBT | FQM21A010,AQ19IS,80.0UH,SM-19C,FUR3757(SM19C),0.145,76.5V,15P,-10~ +50,BK,27KV | ⚠ |
| T502 | BH26-00086A | TRANS-FOCUS | EE1916,-,5P,1.7mH MIN,-,-,255mH MIN,-,-,0.85ohm/32.0ohm,-,EE1916(PL3,SL-2),EE19* | ⚠ |
| T601 | BH26-00128A | TRANS POWER | ER-3942(18P),AQ17IS,130UH,18P,AC90 ~240V,-,-,-,-,-,PL3,DMR30,EER 39*42,0.1OHM MA | |
| T620 | BH26-30302S | TRANS-SYNC. | -,-,-,-,-,3-1(250UH),4-6(250UH,-,-,-,0.13OHM,-,SB-5S,UU1116,-,-,-,B,- | ⚠ |
| T701 | BH27-00081A | COIL-PFC | EER-2828,135uH,10%,EER2828(PL3,J2A-1),USTC0.25*932Ts,PHELOLIC,-, GREEN COLOR TAP | |
| TH601 | 1404-001076 | THERMISTOR-NTC | 8ohm,15%,-,17mW/C,TP | ⚠ |
| VR401 | 2103-001049 | VR-SEMI | 100ohm,30%,1/5W,SIDE | |
| BD201 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD280 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD401 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD532 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD602 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD603 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD604 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD651 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD652 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD653 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| C201 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C202 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C203 | 2201-000389 | C-CERAMIC,DISC | 0.022nF,5%,50V,NP0,TP,5x3,5 | |
| C204 | 2201-000389 | C-CERAMIC,DISC | 0.022nF,5%,50V,NP0,TP,5x3,5 | |
| C208 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C209 | 2401-000603 | C-AL | 1uF,20%,50V,GP,TP,5x11,5 | |
| C210 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C211 | 2201-000017 | C-CERAMIC,DISC | 1nF,10%,50V,Y5P,TP,5x3.5,5 | |
| C212 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C213 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C214 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C216 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C220 | 2401-001281 | C-AL | 4.7uF,20%,50V,WT,TP,5x11,5 | |
| C250 | 2202-000654 | C-CERAMIC,MLC-RADIAL | 100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5 | |
| C251 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C252 | 2202-002149 | C-CERAMIC,MLC-RADIAL | 0.82NF,2%,50V,NPO,TP,5.1X3.2X6.4MM,5 | |
| C253 | 2201-000163 | C-CERAMIC,DISC | 10nF,+80-20%,50V,Y5V,TP,7x3,2.5 | |
| C254 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | |
| C255 | 2305-000237 | C-FILM,MPEF | 1uF,5%,63V,TP,7.5x15.5mm,5mm | |
| C256 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C257 | 2301-000188 | C-FILM,PEF | 1nF,5%,100V,TP,10.5x12.5x6.5,5 | |
| C258 | 2201-000132 | C-CERAMIC,DISC | 0.1nF,10%,500V,Y5P,TP,6.5x3,5 | |
| C259 | 2401-000050 | C-AL | 10uF,20%,16V,GP,TP,5x11,2.5 | |
| C260 | 2202-000654 | C-CERAMIC,MLC-RADIAL | 100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5 | |
| C264 | 2401-000031 | C-AL | 47uF,20%,16V,GP,TP,5x11,5 | |
| C265 | 2305-000412 | C-FILM,MPEF | 470nF,5%,63V,TP,-,5mm | |
| C266 | 2301-000168 | C-FILM,PEF | 150nF,5%,100V,TP,11.5x19mm,7.5 | |
| C268 | 2401-003484 | C-AL | 10uF,20%,100V,LZ,TP,6.3X11,5 | |
| C269 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | |
| C270 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C271 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C280 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C281 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | |
| C283 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C284 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C285 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C301 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C302 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C303 | 2401-002274 | C-AL | 220uF,20%,35V,WT,TP,10x12.5,5 | |
| C304 | 2401-000597 | C-AL | 1uF,20%,50V,GP,TP,4x7mm,1.5mm | |
| C305 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C306 | 2305-000237 | C-FILM,MPEF | 1uF,5%,63V,TP,7.5x15.5mm,5mm | |
| C307 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| C308 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C309 | 2301-000294 | C-FILM,PEF | 56nF,5%,100V,TP,9.5x12.5mm,5mm | |
| C310 | 2301-000287 | C-FILM,PEF | 5.6nF,5%,100V,TP,10.5x12.5x6.5 | |
| C312 | 2305-000237 | C-FILM,MPEF | 1uF,5%,63V,TP,7.5x15.5mm,5mm | |
| C401 | 2401-000049 | C-AL | 47uF,20%,100V,WT,TP,10x16,5 | |
| C402 | 2201-000132 | C-CERAMIC,DISC | 0.1nF,10%,500V,Y5P,TP,6.5x3,5 | |
| C403 | 2201-000291 | C-CERAMIC,DISC | 1nF,10%,500V,Y5P,TP,7.5x3.5,5 | |
| C404 | 2301-000020 | C-FILM,PEF | 27nF,5%,100V,TP,7.3x4x12.5mm,5 | |
| C405 | 2305-000624 | C-FILM,MPEF | 330nF,10%,100V,TP,-,5mm | |
| C406 | 2305-000624 | C-FILM,MPEF | 330nF,10%,100V,TP,-,5mm | |
| C407 | 2305-000624 | C-FILM,MPEF | 330nF,10%,100V,TP,-,5mm | |
| C408 | 2303-001022 | C-FILM,PPF | 2nF,5%,2.5KV,TP,23x12x19mm,7.5 | ⚠ |
| C409 | 2303-001022 | C-FILM,PPF | 2nF,5%,2.5KV,TP,23x12x19mm,7.5 | ⚠ |
| C410 | 2201-000291 | C-CERAMIC,DISC | 1nF,10%,500V,Y5P,TP,7.5x3.5,5 | |
| C411 | 2301-001259 | C-FILM,MPPF | 100nF,5%,400V,TP,19x8x16,7.5mm | |
| C412 | 2305-001041 | C-FILM,MPEF | 220nF,5%,63V,TP,7.5x4.5x13.5,5 | |
| C413 | 2301-001259 | C-FILM,MPPF | 100nF,5%,400V,TP,19x8x16,7.5mm | |
| C414 | 2306-000137 | C-FILM,MPPF | 180nF,5%,250V,TP,19x16.5x8,7.5 | |
| C415 | 2301-001194 | C-FILM,MPPF | 470nF,5%,250V,TP,18x16x8,7.5 | |
| C417 | 2306-000119 | C-FILM,MPPF | 100nF,5%,250V,TP,19x14.5x6.5,7 | |
| C418 | 2301-001249 | C-FILM,MPPF | 68nF,5%,400V,TP,19x7x15mm,7.5 | |
| C433 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C440 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C450 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C451 | 2401-002299 | C-AL | 4.7uF,20%,50V,GP,TP,5x7,5 | |
| C452 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C453 | 2202-000561 | C-CERAMIC,MLC-RADIAL | 680pF,5%,50V,NPO,TP,5.1x3.2,5. | |
| C454 | 2201-000017 | C-CERAMIC,DISC | 1nF,10%,50V,Y5P,TP,5x3.5,5 | |
| C456 | 2303-000011 | C-FILM,PPF | 1nF,5%,100V,TP,14x11.5mm,7.5mm | |
| C457 | 2201-000602 | C-CERAMIC,DISC | 0.56nF,5%,50V,SL,TP,10x3.5,5 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C458 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C459 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C460 | 2301-000020 | C-FILM,PEF | 27nF,5%,100V,TP,7.3x4x12.5mm,5 | |
| C461 | 2201-000012 | C-CERAMIC,DISC | 0.22nF,10%,1kV,Y5P,TP,6.3x5,5 | |
| C462 | 2301-000020 | C-FILM,PEF | 27nF,5%,100V,TP,7.3x4x12.5mm,5 | |
| C463 | 2401-001548 | C-AL | 47uF,20%,25V,WT,TP,5x11,5 | |
| C464 | 2301-001322 | C-FILM,PPF | 33nF,5%,250V,TP,17.5x5x11mm,7.5 | |
| C465 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C466 | 2401-003525 | C-AL | 10uF,20%,250V,LZ,TP,10X20,5 | |
| C467 | 2301-000102 | C-FILM,PEF | 1.2nF,5%,100V,TP,5.4x10mm,5mm | |
| C468 | 2201-000131 | C-CERAMIC,DISC | 0.1nF,10%,2kV,Y5P,TP,6.3x5,5 | |
| C501 | 2301-000294 | C-FILM,PEF | 56nF,5%,100V,TP,9.5x12.5mm,5mm | |
| C502 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C503 | 2401-001378 | C-AL | 470uF,20%,16V,WT,TP,10x20,5 | |
| C504 | 2401-000292 | C-AL | 100uF,20%,16V,WT,TP,8x11.5mm,5 | |
| C505 | 2201-000163 | C-CERAMIC,DISC | 10nF,+80-20%,50V,Y5V,TP,7x3,2.5 | |
| C506 | 2305-001041 | C-FILM,MPEF | 220nF,5%,63V,TP,7.5x4.5x13.5,5 | |
| C507 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C508 | 2401-000031 | C-AL | 47uF,20%,16V,GP,TP,5x11,5 | |
| C509 | 2401-000031 | C-AL | 47uF,20%,16V,GP,TP,5x11,5 | |
| C510 | 2301-000013 | C-FILM,PEF | 4.7nF,5%,100V,TP,10.5x12.5x6.5 | |
| C511 | 2303-000147 | C-FILM,PPF | 1NF,5%,2KV,TP,23X13X8MM,7.5 | |
| C512 | 2401-001576 | C-AL | 47uF,20%,50V,GP,TP,8x11.5,5 | |
| C513 | 2401-000638 | C-AL | 2.2uF,20%,350V,WT,TP,10x12.5mm | |
| C514 | 2201-000325 | C-CERAMIC,DISC | 2.2nF,10%,500V,Y5P,TP,9.5x4,5 | |
| C516 | 2401-000771 | C-AL | 220uF,20%,100V,WT,TP,16x25,7.5 | |
| C520 | 2301-001027 | C-FILM,PEF | 15nF,10%,250V,TP,9.5x12x4.5,5m | |
| C530 | 2401-000638 | C-AL | 2.2uF,20%,350V,WT,TP,10x12.5mm | |
| C531 | 2401-000026 | C-AL | 3.3UF,20%,50V,GP,TP,5X11,5 | |
| C532 | 2301-001480 | C-FILM,MPEF | 2000NF,5%,100V,TP,17X16.5X9.5,7.5 | |
| C533 | 2305-000665 | C-FILM,MPEF | 100nF,5%,63V,TP,7.5x4.0x5.0mm, | ⚠ |
| C535 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C536 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C540 | 2201-000285 | C-CERAMIC,DISC | 1nF,10%,1kV,Y5P,TP,8x5,5 | |
| C550 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C551 | 2301-000168 | C-FILM,PEF | 150nF,5%,100V,TP,11.5x19mm,7.5 | |
| C552 | 2305-000004 | C-FILM,MPEF | 220nF,10%,100V,TP,12.7x16,5mm | |
| C559 | 2201-000129 | C-CERAMIC,DISC | 0.1nF,10%,1kV,Y5P,TP,7x4,5 | |
| C562 | 2401-001576 | C-AL | 47uF,20%,50V,GP,TP,8x11.5,5 | |
| C598 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C599 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C603 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | ⚠ |
| C604 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | ⚠ |
| C605 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C608 | 2401-000015 | C-AL | 33uF,20%,50V,WT,-,6.3x11mm,2.5 | |
| C609 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C610 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C611 | 2201-000012 | C-CERAMIC,DISC | 0.22nF,10%,1kV,Y5P,TP,6.3x5,5 | |
| C612 | 2201-000129 | C-CERAMIC,DISC | 0.1nF,10%,1kV,Y5P,TP,7x4,5 | |
| C613 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | |
| C614 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | ⚠ |
| C620 | 2401-000613 | C-AL | 1uF,20%,50V,WT,TP,5x11,5 | |
| C621 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C622 | 2301-000013 | C-FILM,PEF | 4.7nF,5%,100V,TP,10.5x12.5x6.5 | |
| C624 | 2301-000016 | C-FILM,PEF | 22nF,5%,100V,TP,7.2x4.5x9.0mm, | |
| C625 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C627 | 2301-000004 | C-FILM,PEF | 2.2nF,5%,100V,TP,5.5X10X2.9,5m | |
| C628 | 2301-000174 | C-FILM,PEF | 15nF,5%,100V,TP,7.2x4.0x7.5mm, | ⚠ |
| C629 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C641 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C642 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C643 | 2401-001378 | C-AL | 470uF,20%,16V,WT,TP,10x20,5 | |
| C644 | 2401-000770 | C-AL | 220uF,20%,100V,WT,TP,13*25,5mm | |
| C645 | 2401-001422 | C-AL | 470uF,20%,35V,WT,TP,12.5x25,5 | |
| C646 | 2401-000040 | C-AL | 47uF,20%,250V,WT,TP,16x25mm,7. | |
| C649 | 2201-000551 | C-CERAMIC,DISC | 0.47nF,10%,1kV,Y5P,TP,6.3x5,5 | |
| C650 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C651 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C652 | 2401-000010 | C-AL | 220uF,20%,16V,GP,-,6.3x11mm,2. | ⚠ |
| C653 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | ⚠ |
| C654 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C655 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C656 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C702 | 2305-001041 | C-FILM,MPEF | 220nF,5%,63V,TP,7.5x4.5x13.5,5 | |
| C703 | 2201-000602 | C-CERAMIC,DISC | 0.56nF,5%,50V,SL,TP,10x3.5,5 | |
| C705 | 2301-000188 | C-FILM,PEF | 1nF,5%,100V,TP,10.5x12.5x6.5,5 | |
| C706 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C708 | 2401-000970 | C-AL | 22uF,20%,50V,WT,TP,5x11,5 | |
| C710 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CIS | 0203-001201 | TAPE-PAPER | #FB-300,T0.16,W6,L2000M,R/BLU | SNA |
| CN209 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN210 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN409 | 3711-000197 | CONNECTOR-HEADER | 1WALL,3P,1R,2.5mm,STRAIGHT,SN | SNA |
| CN414 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN415 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN420 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN421 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN601 | 3711-000217 | CONNECTOR-HEADER | 1WALL,3P,1R,3.96mm,STRAIGHT,SN | SNA |
| CN602 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | ⚠ SNA |
| CN603 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN608 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN609 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| D201 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D202 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D250 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D251 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D254 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D282 | 0402-001039 | DIODE-RECTIFIER | SB020,20V,600mA,MPG06,TP | |
| D301 | 0402-000272 | DIODE-RECTIFIER | UF4001,50V,1A,DO-41,TP | |
| D302 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D303 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D401 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D405 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D406 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| D407 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D408 | 0402-000272 | DIODE-RECTIFIER | UF4001,50V,1A,DO-41,TP | |
| D450 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D451 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D452 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D453 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D454 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| D456 | 0402-000454 | DIODE-RECTIFIER | RG10V1,400V,1.2A,DO-201 | |
| D478 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D501 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D503 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D504 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D508 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D509 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D510 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D520 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| D521 | 0402-001114 | DIODE-RECTIFIER | 1N4936GP,400V,1A,DO-204AL,TP | |
| D522 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D523 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D530 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D532 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D540 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D551 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D552 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D553 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D561 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D598 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D599 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D602 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D604 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D605 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D606 | 0402-000546 | DIODE-RECTIFIER | TVR10G,400V,1.0A,DO-41,TP | |
| D620 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D621 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D640 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D642 | 0402-001118 | DIODE-RECTIFIER | UF1G,400V,1.2A,DO-204AL,TP | ⚠ |
| D644 | 0402-001190 | DIODE-RECTIFIER | RG10Z,200V,1.2A,DO-15,TP | |
| D646 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | ⚠ |
| D650 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D670 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| D702 | 0402-000546 | DIODE-RECTIFIER | TVR10G,400V,1.0A,DO-41,TP | |
| D703 | 0402-001111 | DIODE-RECTIFIER | 1N5397GP,600V,1.5A,DO-204AC,TP | |
| D704 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| EY301 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY302 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY401 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY402 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY403 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY404 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY405 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY408 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY409 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY410 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| EY411 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY412 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY413 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY415 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY420 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY440 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | ⚠ SNA |
| EY441 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY501 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY502 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY503 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY504 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY505 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY506 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY507 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY508 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY509 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY510 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY511 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY512 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY550 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY599 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY6 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY601 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY602 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY603 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY604 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY607 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY608 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | ⚠ SNA |
| EY609 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY61 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY610 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY611 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY612 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY613 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY614 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY615 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY616 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY703 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY704 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY705 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| FH601 | 3602-000001 | FUSE-CLIP | -,-,30mohm | SNA |
| IC202 | 1203-000515 | IC-VOL. DETECTOR | 7042,TO-92,3P,177MIL,PLASTIC,4 | SNA |
| IC280 | 1103-001150 | IC-EEPROM | 524C08D81,8KBit,DIP,8P,300MIL,10mS,5V,10%,PLASTIC,-25to+70C,10uA,CMOS,ST | |
| IC402 | 1203-001099 | IC-PWM CONTROLLER | 3843,DIP,8P,250MIL,PLASTIC,30V | |
| IC501 | 1203-000610 | IC-PWM CONTROLLER | 494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST | |
| IC621 | 1203-000002 | IC-POSI.ADJUST REG. | 431,TO-92,3P,-,PLASTIC,2.44/2. | ⚠ |
| IC701 | 1203-002081 | IC-PWM CONTROLLER | 33260,DIP,8P,300MIL,PLASTIC,-,600mW,-40to+105C,-,-,ST | |
| JP104 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP106 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP113 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP114 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP116 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP150 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP151 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP153 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP154 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP157 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP158 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP159 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP167 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP178 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP184 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP186 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP187 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP189 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP190 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP191 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP192 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP193 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP194 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP197 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP198 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP204 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP210 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP212 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP213 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP216 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP227 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP239 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP245 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP266 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP267 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP268 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP269 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP275 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP276 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP289 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP294 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP295 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP297 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP302 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP303 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP307 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP308 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP323 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP324 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP327 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP328 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP334 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP335 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP337 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP340 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP344 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP346 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP361 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP362 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP363 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP364 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP365 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP371 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP372 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP374 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP375 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP376 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP377 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP378 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP379 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP381 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP383 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP390 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP397 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP399 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP402 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP404 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP412 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP415 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP416 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP417 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP418 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP419 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP421 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP425 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP439 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP440 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP441 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP442 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP451 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP453 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP454 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP455 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP460 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP475 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP480 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP481 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP483 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP486 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP487 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP491 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP511 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP516 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP522 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP546 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP547 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP548 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP549 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP569 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP572 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP574 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP578 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP579 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP581 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP585 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP586 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP587 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP588 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP589 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP590 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP591 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP596 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP597 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP598 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP603 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP609 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP615 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP616 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP617 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP619 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP623 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP626 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP629 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP630 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP632 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP633 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP635 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP637 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP638 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP640 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP643 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP644 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP645 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP646 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP647 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP648 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP649 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP650 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP651 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP652 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP653 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP654 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP655 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP656 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP657 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP659 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP660 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP661 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP662 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP663 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP664 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP665 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP666 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP675 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP678 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP679 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP680 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP681 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP682 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP683 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP684 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP685 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP686 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP687 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP688 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP690 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP692 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP694 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP695 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP696 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP697 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP698 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP699 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP700 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP701 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP702 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP703 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| L501 | 2701-000179 | INDUCTOR-AXIAL | 33uH,10%,4.2x9.8mm | |
| L502 | 2701-000187 | INDUCTOR-AXIAL | 4.7uH,10%,4.2x9.8mm | |
| MP1.0 | BH41-00175A | PCB MAIN | AQ17IS,FR1,247*330*1.6T,1.0,1.6T,247*330*1.6T,AQUILA,-,-,- | |
| Q250 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q251 | 0501-000303 | TR-SMALL SIGNAL | KSA733,PNP,250mW,TO-92,TP,120-240 | |
| Q301 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q408 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q409 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q410 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q411 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q412 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q450 | 0501-000303 | TR-SMALL SIGNAL | KSA733,PNP,250mW,TO-92,TP,120-240 | |
| Q451 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q452 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q453 | 0501-000303 | TR-SMALL SIGNAL | KSA733,PNP,250mW,TO-92,TP,120-240 | |
| Q502 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q503 | 0501-000581 | TR-SMALL SIGNAL | 2N3906,PNP,625mW,TO-92,TP,100-300 | |
| Q520 | 0501-000143 | TR-SMALL SIGNAL | 2N6520,PNP,625mW,TO-92,TP,30-200 | |
| Q521 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q540 | 0501-000413 | TR-SMALL SIGNAL | KSP44,NPN,625mW,TO-92,TP,50-200 | |
| Q541 | 0501-000413 | TR-SMALL SIGNAL | KSP44,NPN,625mW,TO-92,TP,50-200 | |
| Q553 | 0501-000361 | TR-SMALL SIGNAL | KSC2316-Y,NPN,900mW,TO-92L,TP,120-240 | |
| Q601 | 0501-000010 | TR-SMALL SIGNAL | KSC1008,NPN,800mW,TO-92,TP,120-240 | |
| Q620 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q670 | 0501-002228 | TR-SMALL SIGNAL | KTA1281,PNP,1000mW,TO-92L,TP,120-240 | |
| Q671 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q672 | 0501-002228 | TR-SMALL SIGNAL | KTA1281,PNP,1000mW,TO-92L,TP,120-240 | |
| R200 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R203 | 2001-000515 | R-CARBON | 220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R204 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R205 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R206 | 2001-000739 | R-CARBON | 4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R207 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R208 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R209 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R210 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R211 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R215 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R216 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R218 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R219 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R220 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R221 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R222 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R225 | 2001-000435 | R-CARBON | 1MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R226 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R227 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R228 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R229 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R230 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R231 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R233 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R236 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R237 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R238 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R239 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R240 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R242 | 2001-000008 | R-CARBON | 15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R243 | 2001-000008 | R-CARBON | 15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R250 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R251 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R252 | 2001-000563 | R-CARBON | 27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R253 | 2004-001118 | R-METAL | 5Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R254 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R255 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R256 | 2004-004367 | R-METAL | 90Kohm,1%,1/4W,AA,TP,6.2x2.6mm | |
| R261 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R264 | 2001-000319 | R-CARBON | 120KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R265 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R266 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R267 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R268 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R269 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R270 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R271 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R272 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R278 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R280 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R281 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R282 | 2001-001050 | R-CARBON(S) | 1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R283 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R284 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R301 | 2004-000344 | R-METAL | 15Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R302 | 2004-000001 | R-METAL | 6.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R303 | 2005-001064 | R-WIRE WOUND | 0.9OHM,5%,2W,AA,TP,3.8X11MM | |
| R304 | 2001-000037 | R-CARBON(S) | 330OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R305 | 2001-000105 | R-CARBON | 1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R306 | 2001-000016 | R-CARBON(S) | 1OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R307 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R308 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R309 | 2001-000977 | R-CARBON | 8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R310 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R311 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R312 | 2008-000114 | R-FUSIBLE | 1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm | |
| R313 | 2004-001254 | R-METAL | 8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R314 | 2004-000679 | R-METAL | 2Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R315 | 2004-000334 | R-METAL | 150ohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R316 | 2008-000114 | R-FUSIBLE | 1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm | |
| R402 | 2001-000047 | R-CARBON | 2.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R403 | 2003-000533 | R-METAL OXIDE(S) | 18ohm,5%,3W,AA,TP,6x16mm | |
| R404 | 2001-000515 | R-CARBON | 220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R405 | 2001-001163 | R-CARBON(S) | 560OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R406 | 2001-000019 | R-CARBON(S) | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R408 | 2003-000473 | R-METAL OXIDE(S) | 10ohm,5%,3W,AA,TP,6x16mm | |
| R409 | 2003-000423 | R-METAL OXIDE(S) | 1.2ohm,5%,3W,AA,TP,6x16mm | |
| R410 | 2003-000502 | R-METAL OXIDE(S) | 150ohm,5%,2W,AA,TP,4x12mm | |
| R412 | 2001-001153 | R-CARBON(S) | 47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R413 | 2001-001153 | R-CARBON(S) | 47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R414 | 2003-000450 | R-METAL OXIDE(S) | 100Kohm,5%,3W,AA,TP,6x16mm | |
| R420 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R421 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R422 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R423 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R424 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R425 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R426 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R427 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R428 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R429 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R430 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R431 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R432 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R433 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R434 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R435 | 2001-000037 | R-CARBON(S) | 330OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R440 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R441 | 2003-000661 | R-METAL OXIDE(S) | 33ohm,5%,2W,AA,TP,4x12mm | |
| R444 | 2001-001120 | R-CARBON(S) | 3.3OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R450 | 2001-000011 | R-CARBON | 75KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R451 | 2001-000017 | R-CARBON | 4.7OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R452 | 2001-000645 | R-CARBON | 330KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R453 | 2001-000539 | R-CARBON | 24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R454 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R455 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R456 | 2001-000011 | R-CARBON | 75KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R459 | 2004-000657 | R-METAL | 27Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R460 | 2004-000284 | R-METAL | 12Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R461 | 2001-000055 | R-CARBON | 4.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R462 | 2004-000412 | R-METAL | 18Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R463 | 2001-000042 | R-CARBON | 1KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R464 | 2001-000042 | R-CARBON | 1KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R465 | 2001-000028 | R-CARBON(S) | 100OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R466 | 2001-000050 | R-CARBON | 2.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R467 | 2008-000140 | R-FUSIBLE | 2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm | |
| R468 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R490 | 2004-000580 | R-METAL | 22Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R501 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R502 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R503 | 2001-000812 | R-CARBON | 5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R504 | 2001-000689 | R-CARBON | 390KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R505 | 2001-000977 | R-CARBON | 8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R506 | 2001-000800 | R-CARBON | 5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R507 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R508 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R509 | 2001-000800 | R-CARBON | 5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R510 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R511 | 2001-000018 | R-CARBON | 6.8OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R512 | 2005-000210 | R-WIRE WOUND | 0.33ohm,5%,1W,AC,BK,4.5x11mm | |
| R515 | 2001-000073 | R-CARBON | 33KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R520 | 2001-000115 | R-CARBON | 82KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R521 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R522 | 2004-000327 | R-METAL | 150Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R523 | 2001-000096 | R-CARBON(S) | 1MOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R524 | 2004-001254 | R-METAL | 8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R525 | 2004-000123 | R-METAL | 1.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R526 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R527 | 2001-000878 | R-CARBON | 6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R531 | 2004-000964 | R-METAL | 470Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R532 | 2004-000643 | R-METAL | 270Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R541 | 2001-000114 | R-CARBON(S) | 180KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R542 | 2001-000114 | R-CARBON(S) | 180KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R543 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R545 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R546 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R547 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R550 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R551 | 2001-000723 | R-CARBON | 4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R552 | 2001-000319 | R-CARBON | 120KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R553 | 2001-000105 | R-CARBON | 1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R555 | 2001-001144 | R-CARBON(S) | 4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R556 | 2001-001153 | R-CARBON(S) | 47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R557 | 2003-000459 | R-METAL OXIDE(S) | 100ohm,5%,3W,AA,TP,6x16mm | |
| R558 | 2003-000008 | R-METAL OXIDE(S) | 100ohm,5%,1W,AA,TP,3.3x9mm | |
| R560 | 2001-000800 | R-CARBON | 5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R561 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R563 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R564 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R565 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R567 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R596 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| R597 | 2002-001073 | R-COMPOSITION | 15Mohm,5%,1/2W,AA,TP,4.0x10mm | |
| R598 | 2001-000114 | R-CARBON(S) | 180KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R599 | 2001-001106 | R-CARBON(S) | 220KOHM,5%,1/2W,AA,TP,2.4X6.4MM | ⚠ |
| R601 | 2001-000354 | R-CARBON | 150KOHM,5%,1/4W,AA,TP,2.4X6.4MM | ⚠ |
| R602 | 2001-000354 | R-CARBON | 150KOHM,5%,1/4W,AA,TP,2.4X6.4MM | ⚠ |
| R603 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R604 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R605 | 2001-000044 | R-CARBON | 1.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R606 | 2001-000085 | R-CARBON(S) | 100KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R607 | 2001-000087 | R-CARBON(S) | 120KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R609 | 2001-000376 | R-CARBON | 15OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R620 | 2001-000552 | R-CARBON | 270OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R621 | 2001-000003 | R-CARBON | 330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R622 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R623 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R624 | 2001-000034 | R-CARBON | 220OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R625 | 2001-000508 | R-CARBON | 220KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R626 | 2004-000679 | R-METAL | 2Kohm,1%,1/4W,AA,TP,2.4x6.4mm | ⚠ |
| R627 | 2004-000523 | R-METAL | 200ohm,1%,1/4W,AA,TP,2.4x6.4mm | ⚠ |
| R628 | 2002-001082 | R-COMPOSITION | 180KOHM,2%,1W,AA,TP,4X12MM | |
| R629 | 2001-000890 | R-CARBON | 6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R630 | 2001-000577 | R-CARBON | 2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R631 | 2001-000577 | R-CARBON | 2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R640 | 2001-000376 | R-CARBON | 15OHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R644 | 2001-001131 | R-CARBON(S) | 33KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R649 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R651 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R655 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R656 | 2001-000028 | R-CARBON(S) | 100OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R668 | 2001-000958 | R-CARBON | 750OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R670 | 2002-001068 | R-COMPOSITION | 180Kohm,5%,1/2W,AA,TP,3.9x9mm | |
| R671 | 2002-001068 | R-COMPOSITION | 180Kohm,5%,1/2W,AA,TP,3.9x9mm | |
| R672 | 2001-000786 | R-CARBON | 47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R673 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R674 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R675 | 2001-001038 | R-CARBON(S) | 0.56OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R676 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R677 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R688 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R701 | 2005-001170 | R-WIRE WOUND,NON | 0.33ohm,1%,3W,AA,TP,5.5x15mm | |
| R702 | 2001-001013 | R-CARBON | 9.1KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R703 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R704 | 2004-001863 | R-METAL | 680Kohm,1%,1/4W,AA,TP,2.4x7mm | |
| R705 | 2004-001863 | R-METAL | 680Kohm,1%,1/4W,AA,TP,2.4x7mm | |
| R706 | 2004-001863 | R-METAL | 680Kohm,1%,1/4W,AA,TP,2.4x7mm | |
| R711 | 2008-000125 | R-FUSIBLE | 10ohm,5%,1/4W,AA,TP,2.6x6.7mm | |
| R712 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R721 | 2001-000786 | R-CARBON | 47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| SK530 | 4715-001055 | SURGE ABSORBER | 1kV,+50-10%,-,-,RADIAL | SNA |
| TCO | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| X201 | 2801-003413 | CRYSTAL-UNIT | 24MHz,30ppm,28-ABQ,20pF,20ohm, | |
| ZD201 | 0403-000367 | DIODE-ZENER | UZ7.5BSC,7.5V,7.33-7.64V,500mW | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| ZD286 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD450 | 0403-000004 | DIODE-ZENER | UZ12BM,12V,11.6-12.4V,500mW,DO | |
| ZD520 | 0403-001068 | DIODE-ZENER | UZ4.7BSA,4.7V,4.47-4.65V,500mW | |
| ZD601 | 0403-000753 | DIODE-ZENER | MTZJ27D,27V,26.29-27.64V,500mW | |
| ZD705 | 0403-000004 | DIODE-ZENER | UZ12BM,12V,11.6-12.4V,500mW,DO | |
| ZD706 | 0403-000538 | DIODE-ZENER | MTZ16C,16V,15.69-16.51V,500mW, | |
| | | | | |
| HS651 | BH99-00011B | ASSY HEAT/SINK | HS,SPRING,78R12,7805,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 1203-000001 | IC-POSI.FIXED REG. | 7805,TO-220,3P,-,PLASTIC,4.8/5 | |
| CIS | 1203-000165 | IC-POSI.ADJUST REG. | 78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST | |
| CIS | BH61-00004A | SPRING-TR | CDA,CDB,SUS304,T0.5,-,-,-,- | SNA |
| CIS | BH62-00045A | HEAT SINK-TR | AQ19FS,A1050S,T1.0,25,54,-,-,- | SNA |
| | | | | |
| HS504 | BH99-00013D | ASSY HEAT/SINK | HS,SPRING,2SK2761,-,-,OIL SILICON | |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001266 | FET-SILICON | 2SK2761-01MR,N,600V,10A,0.85oh | |
| CIS | BH61-00004A | SPRING-TR | CDA,CDB,SUS304,T0.5,-,-,-,- | SNA |
| CIS | BH62-00042A | HEAT SINK-POWER | AQ19FS,A1050S,T1.0,80,55,-,-,- | SNA |
| | | | | |
| HS402_1 | BH99-00029C | ASSY HEAT/SINK | HS,SPRING,FJL6820,10F150S,-,MICA,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0402-001319 | DIODE-RECTIFIER | SDS10F150S,1.5KV,10A,TO-220F,ST | |
| CIS | 0502-001202 | TR-POWER | FJL6820,NPN,200000MW,TO-264,ST,8- | |
| CIS | BH61-70003A | SPRING | CVT4857,STS304-W1/2H,T0.5,W3.8 | SNA |
| CIS | BH62-00001A | INSULATION-MICA | CSM920B,MICA,-,-,-,-,-,-,POWER-TR | SNA |
| CIS | BH62-00040A | HEAT SINK-HOR. | PN19MT,A1050S,T2.0,95,110,-,-,- | SNA |
| | | | | |
| HS409 | BH99-00030B | ASSY HEAT/SINK | HS TR,SCREW+NUT,SKS10N20(4),-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001305 | FET-SILICON | SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00044A | HEAT SINK-TR | AQ19FS,A1050S,T2.0,20,55,-,-,- | SNA |
| | | | | |
| HS401 | BH99-00041A | ASSY HEAT/SINK | HS,SPRING,SFP9634,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001359 | FET-SILICON | SFP9634,P,-250V,-5A,1.3OHM,70W,TO-220 | |
| CIS | BH61-00004A | SPRING-TR | CDA,CDB,SUS304,T0.5,-,-,-,- | SNA |
| CIS | BH62-00039A | HEAT SINK-TR | PN19MT,A1050S,T1.0,20,20,-,-,- | SNA |
| | | | | |
| HS301 | BH99-00043A | ASSY HEAT/SINK | HS V.IC,SCREW+NUT,KA2142,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 1204-001508 | IC-VERTICAL DEF. | KA2142,SIP,10P,-,PLASTIC,35V,15W,-20TO+70C,ST,VERTICAL DEFLECTION | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00049A | HEAT SINK-V/IC | AQ17,A1050S,T1.0,H60,L77,-,-,- | SNA |
| | | | | |
| HS508 | BH99-00045A | ASSY HEAT/SINK | HS,SCREW+NUT,TIP29C,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0502-000348 | TR-POWER | TIP29C,NPN,2W,TO-220,-,15-75 | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | BH62-00051A | HEAT SINK-V IC | AQ17,SPC-1,T1.0,H60,L13,-,-,- | SNA |
| | | | | |
| HS509 | BH99-00045B | ASSY HEAT/SINK | HS,SCREW+NUT,TIP30C,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0502-000351 | TR-POWER | TIP30,PNP,2W,TO-220AB,-,15-75 | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00051A | HEAT SINK-V IC | AQ17,SPC-1,T1.0,H60,L13,-,-,- | SNA |
| | | | | |
| HS60 | BH99-10019N | ASSY,HEAT/SINK | HS,-,31DF6,-,-,SOLDER,-,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0402-001289 | DIODE-RECTIFIER | 31DF6,600V,3A,DO-201AD,BK | |
| CIS | BH62-30024B | HEAT/SINK-IC | SPC-1,T1,SN COATING,- | SNA |
| | | | | |
| HS606 | BH99-10019Q | ASSY,HEAT/SINK | HS,SOLDER,UF5404,-,-,-,-,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0402-001294 | DIODE-RECTIFIER | UF5404L-5709,400V,3A,DO-201AD,BK | |
| CIS | BH62-30024B | HEAT/SINK-IC | SPC-1,T1,SN COATING,- | SNA |
| | | | | |
| HSD701 | BH99-10019X | ASSY HEAT/SINK | HS TR,SOLDER,GUR460L,-,-,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO-201AD,BK | |
| CIS | BH62-30024B | HEAT/SINK-IC | SPC-1,T1,SN COATING,- | SNA |
| | | | | |
| HSQ701 | BH99-10047E | ASSY HEAT/SINK | HS TR,SCREW+NUT,2SK2761,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001266 | FET-SILICON | 2SK2761-01MR,N,600V,10A,0.85oh | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-30409A | HEAT/SINK-TR | A6063S,T1.5,-,CGH7609 | SNA |
| | | | | |
| HS601 | BH99-10052L | ASSY HEAT/SINK | HS POWER,SPRING,DP408,-,-,RUBBER SILICON | SNA |
| CIS | BH13-00019A | IC-POWER SWTICH | DP408,PN19MT,5P,-25to+85C,TO-3P-5L,-,35V,ST | |
| CIS | BH61-70003A | SPRING | CVT4857,STS304-W1/2H,T0.5,W3.8 | SNA |
| CIS | BH62-20001A | SILICON/RUBBER-TR | CSQ4357,W33*L25*T0.45,-,-,-,-, | SNA |
| CIS | BH62-30411C | HEAT/SINK | A6063S,T1.8,-,ALL | SNA |

## 7-1-2 AQ17** Video PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | BH39-00319A | CBF HARNESS | PN15HT,3*0.16TA*16,-,-,60MM,-,-,ST710095-3,EARTH CLIP,-,-,-,-,-,- | |
| CIS | BH68-00001A | LABEL/MARK-CDT | ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT | SNA |
| CIS | BH75-00085B | UNIT/SHIELD-COVER(VIDEO) | PG19HS,SPTE T0.2,-,-,- | SNA |
| CIS | BH39-00084A | CBF-HARNESS | -,100MM,-,-,8*0.16TA*16,35068-9822/35750-101 | |
| CIS | BH71-00021A | COVER-VIDEO(SHIELD) | PG17HS,SPTE,T0.3,-,- | SNA |
| CIS | BH71-10311A | EARTH-PLATE | PBS 3/4H,T0.2 | SNA |
| CIS | BH75-00193A | UNIT/SHIELD-VIDEO | PG17HS,-,A1050S,-,-,PG,- | SNA |
| CIS | BH61-00002A | SPRING-VIDEO | CDB7907,STS H14 ,T1.0,-,-,-,NORMAL CDT | SNA |
| CIS | BH71-00022A | SHIELD-VIDEO | PG17HS,A1050S,T1.0,-,- | SNA |
| CIS | BH72-00058A | HOLDER-VIDEO | PG17HS,ABS+PC,5V(NONE,1,PHOSPHATE),IV16,-,- | SNA |
| CIS | BH73-00014A | HOLDER-RUBBER(NORMAL) | DEL,SILICON V2,GRAY,-,-,-,NORMAL | SNA |
| CN101 | 3711-004228 | CONNECTOR-HEADER | BOX,6P,1R,2MM,ANGLE,SN | SNA |
| CN102 | 3711-004123 | CONNECTOR-HEADER | BOX,15P,1R,2mm,ANGLE,SN | SNA |
| HS102 | BH62-00009A | HEAT SINK-IC | A6063S,L35XW25.6XT2.5,-,CSV9329 | SNA |
| IC102 | 1201-001693 | IC-VIDEO AMP | 2503,DIP,32P,600MIL,-,-,PLASTIC,12.6V,1.38W,-25to+80C,-,-,-,-,-,ST | ⚠ |
| SH/VID | 6502-000001 | CABLE CLAMP | DAWH-5NB,D15,L35,NTR,NYLON66 | SNA |
| SH/VID+H/S | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SK105 | 3704-001142 | SOCKET-CRT | 10P,22.5PI,25.6PI,NI,- | |
| BD103 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD104 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD105 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD108 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD109 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD111 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| C103 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C104 | 2401-003224 | C-AL | 470uF,20%,16V,WT,TP,8X11.5,5mm | |
| C112 | 2401-003224 | C-AL | 470uF,20%,16V,WT,TP,8X11.5,5mm | |
| C113 | 2401-003034 | C-AL | 220uF,20%,16V,WT,TP,8x11.5,5 | |
| C114 | 2201-000138 | C-CERAMIC,DISC | 100pF,10%,50V,Y5P,TP,4.0X4.0,2 | |
| C115 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C116 | 2401-000393 | C-AL | 10uF,20%,100V,WT,TP,8x11.5,5 | |
| C117 | 2401-000393 | C-AL | 10uF,20%,100V,WT,TP,8x11.5,5 | |
| C118 | 2401-000393 | C-AL | 10uF,20%,100V,WT,TP,8x11.5,5 | |
| C120 | 2401-001281 | C-AL | 4.7uF,20%,50V,WT,TP,5x11,5 | |
| C121 | 2401-001281 | C-AL | 4.7uF,20%,50V,WT,TP,5x11,5 | |
| C122 | 2401-000814 | C-AL | 220uF,20%,16V,WT,TP,10x12.5,5 | |
| C124 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C125 | 2201-000288 | C-CERAMIC,DISC | 1nF,10%,2kV,Y5P,TP,9x5,10 | |
| C126 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C127 | 2201-000530 | C-CERAMIC,DISC | 4.7nF,10%,500V,Y5P,TP,12.5x4,5 | |
| C135 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C137 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | |
| C139 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C140 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C141 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C142 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C143 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| CB04 | 2401-000055 | C-AL | 1uF,20%,160V,WT,TP,3x11,5mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CB06 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| CG04 | 2401-000055 | C-AL | 1uF,20%,160V,WT,TP,3x11,5mm | |
| CG06 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CN12 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN13 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN14 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CR04 | 2401-000055 | C-AL | 1uF,20%,160V,WT,TP,3x11,5mm | |
| CR06 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| D101 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DB01 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DB02 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DB03 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DB04 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DB05 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG01 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG02 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG03 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DG04 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DG05 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR01 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR02 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR03 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DR04 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DR05 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| EY1 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY2 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY5 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY6 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY7 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY8 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| IC104 | BH13-00022A | IC-BIAS CLAMP | LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST | |
| JP1 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP100 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP101 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP102 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP103 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP104 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP11 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP12 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP13 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP17 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP18 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP19 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP20 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP21 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP22 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP23 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP24 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP27 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP29 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP32 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP36 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP37 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP4 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP44 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP49 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP5 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP50 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP51 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP53 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP54 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP55 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP57 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP6 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP60 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP61 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP62 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP63 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP64 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP65 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP66 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP67 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP68 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP7 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP70 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP74 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP75 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP8 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP82 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP86 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP87 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP88 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP89 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP9 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP90 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP91 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP92 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP93 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP94 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP95 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP96 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP97 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP98 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP99 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| L100 | 2701-000164 | INDUCTOR-AXIAL | 27uH,10%,4.2x9.8mm | |
| L101 | 2701-000319 | INDUCTOR-AXIAL | 470NH,10%,3X7MM | |
| L103 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| L104 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| L106 | 2701-000187 | INDUCTOR-AXIAL | 4.7uH,10%,4.2x9.8mm | |
| LB01 | 2701-001091 | INDUCTOR-AXIAL | 80NH,10%,2.3X6.0MM | |
| LG01 | 2701-001091 | INDUCTOR-AXIAL | 80NH,10%,2.3X6.0MM | |
| LR01 | 2701-001091 | INDUCTOR-AXIAL | 80NH,10%,2.3X6.0MM | |
| MP1.0 | BH41-00176A | PCB-VIDEO | AQ17IS,FR-1,1 LAYER,0,1.6T,330*247MM,PN,4 ARRAY,-,- | |
| Q101 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| Q102 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q103 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q104 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q105 | 0501-002228 | TR-SMALL SIGNAL | KTA1281,PNP,1000mW,TO-92L,TP,120-240 | |
| Q106 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| R104 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R106 | 2001-000935 | R-CARBON | 68OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R107 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R108 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R109 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R110 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R127 | 2001-001107 | R-CARBON(S) | 220ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| RB07 | 2001-000009 | R-CARBON | 20KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB09 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| RB12 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| RG07 | 2001-000009 | R-CARBON | 20KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RG09 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| RG12 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| RR07 | 2001-000009 | R-CARBON | 20KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RR09 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| RR12 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| SK101 | 4715-000102 | SURGE ABSORBER | 200V,20%,1000A,-,RADIAL | SNA |
| SK102 | 4715-000102 | SURGE ABSORBER | 200V,20%,1000A,-,RADIAL | SNA |
| SK103 | 4715-000102 | SURGE ABSORBER | 200V,20%,1000A,-,RADIAL | SNA |
| SK104 | 4715-000106 | SURGE ABSORBER | 300V,210-390V,-,-,AXIAL | SNA |
| SK108 | 4715-000001 | SURGE ABSORBER | 1KV,+50-10%,-,-, | |
| ZD101 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| ZD103 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| C100 | 2203-000239 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,2012 | |
| C101 | 2203-001128 | C-CERAMIC,CHIP | 0.68nF,10%,50V,X7R,TP,2012 | |
| C102 | 2203-001105 | C-CERAMIC,CHIP | 6.8nF,10%,50V,X7R,TP,2012 | |
| C105 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C106 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C107 | 2203-000260 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,2012 | |
| C108 | 2203-000389 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,2012 | |
| C109 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C110 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C111 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C119 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C123 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C128 | 2203-000260 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,2012 | |
| C129 | 2203-000239 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,2012 | |
| C130 | 2203-000239 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,2012 | |
| C131 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C134 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| C136 | 2203-000260 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,2012 | |
| CB01 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CB02 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CB03 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CG01 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CG02 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CG03 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CR01 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CR02 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| CR03 | 2203-000204 | C-CERAMIC,CHIP | 100nF,10%,25V,X7R,TP,2012 | |
| IC101 | 1201-001791 | IC-VIDEO AMP | -,SOP,24P,375MIL,-,-,PLASTIC,7V,0.8W,-20TO+80C,-,-,-,-,-,TR | |
| IC103 | 1204-001864 | IC-OSD PROCESSOR | S5D2509X09-S0,SOP,24P,295MIL,PLASTIC,6.5V,1200MW,-20+70C,TR,10LANGUAGES | |
| L102 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L105 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L107 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| R101 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| R102 | 2007-000355 | R-CHIP | 12KOHM,5%,1/10W,DA,TP,2012 | |
| R103 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| R105 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R111 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R112 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |
| R113 | 2007-000518 | R-CHIP | 2.7KOHM,5%,1/10W,DA,TP,2012 | |
| R114 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |
| R116 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R117 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R118 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R119 | 2007-000493 | R-CHIP | 2.2KOHM,5%,1/10W,DA,TP,2012 | |
| R120 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |
| R121 | 2007-000941 | R-CHIP | 47KOHM,5%,1/10W,DA,TP,2012 | |
| R122 | 2007-000241 | R-CHIP | 1.5KOHM,5%,1/10W,DA,TP,2012 | |
| R124 | 2007-000872 | R-CHIP | 4.7KOHM,5%,1/10W,DA,TP,2012 | |
| R125 | 2007-000518 | R-CHIP | 2.7KOHM,5%,1/10W,DA,TP,2012 | |
| R126 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| R128 | 2007-000981 | R-CHIP | 5.6KOHM,5%,1/10W,DA,TP,2012 | |
| R129 | 2007-000355 | R-CHIP | 12KOHM,5%,1/10W,DA,TP,2012 | |
| R130 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| R131 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R132 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R133 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R134 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R135 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| R136 | 2007-000872 | R-CHIP | 4.7KOHM,5%,1/10W,DA,TP,2012 | |
| R139 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| R140 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| R141 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| R142 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| R143 | 2007-000572 | R-CHIP | 220OHM,5%,1/10W,DA,TP,2012 | |
| R144 | 2007-000710 | R-CHIP | 3.9KOHM,5%,1/10W,DA,TP,2012 | |
| R151 | 2007-000304 | R-CHIP | 10MOHM,5%,1/10W,DA,TP,2012 | |
| R152 | 2007-000304 | R-CHIP | 10MOHM,5%,1/10W,DA,TP,2012 | |
| R153 | 2007-000304 | R-CHIP | 10MOHM,5%,1/10W,DA,TP,2012 | |
| RB01 | 2007-001166 | R-CHIP | 75OHM,5%,1/10W,DA,TP,2012 | |
| RB02 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| RB03 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RB04 | 2007-000941 | R-CHIP | 47KOHM,5%,1/10W,DA,TP,2012 | |
| RB05 | 2007-000822 | R-CHIP | 390OHM,5%,1/10W,DA,TP,2012 | |
| RB06 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| RB08 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RB11 | 2007-001118 | R-CHIP | 680OHM,5%,1/10W,DA,TP,2012 | |
| RG01 | 2007-001166 | R-CHIP | 75OHM,5%,1/10W,DA,TP,2012 | |
| RG02 | 2007-000572 | R-CHIP | 220OHM,5%,1/10W,DA,TP,2012 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| RG03 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RG04 | 2007-000941 | R-CHIP | 47KOHM,5%,1/10W,DA,TP,2012 | |
| RG05 | 2007-000822 | R-CHIP | 390OHM,5%,1/10W,DA,TP,2012 | |
| RG06 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| RG08 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RG11 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| RR01 | 2007-001166 | R-CHIP | 75OHM,5%,1/10W,DA,TP,2012 | |
| RR02 | 2007-001247 | R-CHIP | 91OHM,5%,1/10W,DA,TP,2012 | |
| RR03 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RR04 | 2007-000941 | R-CHIP | 47KOHM,5%,1/10W,DA,TP,2012 | |
| RR05 | 2007-000822 | R-CHIP | 390OHM,5%,1/10W,DA,TP,2012 | |
| RR06 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| RR08 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RR11 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| | | | | |
| HS2 | BH99-00008F | ASSY HEAT/SINK | HS VIDEO,SCREW+NUT,LM2412,-,-,- | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH13-00024A | IC HYBRID | LM2412T,AQ19FS,11P,-20TO+100C,TO-220-11L,26MA,90V,ST | |
| CIS | BH62-00012A | HEAT SINK-VIDEO | A1050S,T2.0,-,PEGSUS | SNA |

## 7-2-1 AQ19** Main PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C416 | 2306-000147 | C-FILM,MPPF | 1uF,5%,250V,BK,26x24x15,22.5mm | |
| C602 | 2305-001049 | C-FILM,MPEF | 1000nF,10%,275V,BK,31x23x13mm,27.5 | ⚠ |
| C607 | 2401-003391 | C-AL | 220uF,20%,450V,GP,BK,25x50,10 | ⚠ |
| C701 | 2301-001314 | C-FILM,MPPF | 470NF,10%,275V,BK,25X11.5X21MM,22.5 | |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CIS | 0203-001201 | TAPE-PAPER | #FB-300,T0.16,W6,L2000M,R/BLU | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | 6501-000004 | CABLE TIE | DA-80,T1,W2.5,L80,NTR,NYLON66 | SNA |
| CIS | BH68-00001A | LABEL/MARK-CDT | ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT | SNA |
| CIS | BH71-00141B | SHIELD-BOTTOM | AQ19FS,SECC ,T1.0,-,DELL,- | SNA |
| CIS | BH72-00296A | SHAFT-POWER | PN19LT,ABS+PC,IV16,-,5V,-,-,- | SNA |
| CIS | BH72-00351A | SHEET-LMF | AQ19FS,AL+PET,-,-,-,-,-,- | SNA |
| CIS | BH72-60765A | GUIDE-POWER | CSM92*,ABS+PC,5V,IV16,T3,- | SNA |
| CIS | BH73-60304C | RUBBER-SUPPORT | DP15LT,CR V0,GRAY,-,14*7*10,-,- | SNA |
| CIS | BH46-00003V | MICOM-S/W | AQUILA19,-,-,-,-,-,- | SNA |
| CN201 | 3711-004352 | CONNECTOR-HEADER | BOX,15P,1R,2MM,STRAIGHT,SN | SNA |
| CN201_ASSY | BH39-00060A | CBF-HARNESS | 15P/15P,180MM,WHT/BLU/RED/BLK,UL1007,AWG26,SMH200-15 | |
| CN202 | 3711-004351 | CONNECTOR-HEADER | NOWALL,16P,1R,2.54MM,STRAIGHT,SN | SNA |
| CN204 | 3711-004379 | CONNECTOR-HEADER | BOX,4P,1R,2MM,STRAIGHT,SN | SNA |
| CN205 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| CN205_ASSY | BH39-00362A | WIRE HARNESS | AQ19FS,UL1007#26,UL/CSA,5P/5P,320MM,WHT,AWG26,SMH200-05,-,-,-,-,-,-,- | |
| CN211 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| CN211+CN212 | BH39-00368A | CBF HARNESS | AQ17IS,U2464#26-4C,U2464,80°C,300V,5P/5P,240MM,BLK,26AWG*4,SMH200-05,SMH200-05,B | |
| CN212 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| CN401 | 3711-003989 | CONNECTOR-HEADER | NOWALL,4P,1R,8mm,STRAIGHT,SN | SNA |
| CN409 | 3711-000885 | CONNECTOR-HEADER | 3WALL,3P,1R,2.5mm,STRAIGHT,SN | SNA |
| CORE_FBT | 3301-000130 | CORE-FERRITE | AC,23.5x9.4x12.6mm,1500,2800G | SNA |
| D402 | 0402-001441 | DIODE-RECTIFIER | -,40V,3A,DO-201AD,BK | ⚠ |
| D505 | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO-201AD,BK | |
| D507 | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO-201AD,BK | |
| D601 | 0402-001227 | DIODE-BRIDGE | D3SBA60,600V,2.3A,SIP-4,BK | ⚠ |
| D647 | 0402-000250 | DIODE-RECTIFIER | RG4C,1000V,1A,- | ⚠ |
| EY599 | BH39-00232A | CBF-HARNESS | DP17MQ,UL1032,UL/CSA,1P,290MM,RED,AWG22,YHF800-1,-,-,-,-,-,-,-,CBF-CONN ASS'Y | |
| FG601 | 3601-000455 | FUSE-CARTRIDGE | 250V,4A,TIME-LAG,CERAMIC,5.2x20mm | ⚠ |
| HS301 | 6502-000132 | CABLE CLAMP | DAWS-1NE,ID11,L21.0,NTR,NYLON66 | SNA |
| HS402_1 | 6502-000135 | CABLE CLAMP | DAWS-2NA,ID10,-,NTR,NYLON66 | SNA |
| HS504 | 6502-000001 | CABLE CLAMP | DAWH-5NB,D15,L35,NTR,NYLON66 | SNA |
| IC201 | 0903-001237 | IC-MICROCONTROLLER | ST72774,8BIT,DIP,42P,-,24MHZ,ST,HCMOS,PLASTIC,5.5V,-,0TO+70C,1KB,60KB,8BIT,-,IC- | SNA |
| IC201_SOCKET | 3704-001071 | SOCKET-IC | 42P,DIP,SN,1.778mm | |
| IC250 | 1204-001697 | IC-DEF. PROCESSOR | TDA9112,DIP,32P,350MIL,PLASTIC,13.2V,-,0to+70C,ST,DEF.PROCESSOR | |
| IC403 | BH13-00009A | IC-H/V CONVERGENCE | PG17/19,AN5452,SIP,12P,H/V CONVERGENCE,-,1171MW | |
| IC620 | 0604-001018 | PHOTO-COUPLER | DAR-TR,63-125%,200mW,DIP-4,ST | ⚠ SNA |
| JW01 | BH39-40306D | CBF-HARNESS | ,80MM,BLK,1015,AWG22,-,-,-,-,- | |
| L402 | BH27-20345J | COIL-HORIZ.CENTER | -,3.5mH,-,OB6*30-1HHA,-,-,-,-,6.0ohm,-,-,-,BULK | |
| L403 | BH26-00001A | TRANS-H.LINEARITY | -,-,5P,-,-,5.0UH/47.5MH,-, ,-,19.0,-,YL-81,DR1420,C:6.0,-,-,BULK,- | |
| L503 | BH27-00037A | COIL-CHOKE | 3.5uH,+/-10%,12*15,BULK,-,- | |
| L601 | BH27-00025A | COIL-LINE FILTER | -,24.0mH,-,SQE-2828,65.5Ts,PHENOLIC,-,-,0.20 ohm,-,-,-,BK | |
| L701 | BH27-00053A | COIL CHOKE | T0-2012,195uH,-,20.20*12.57*6.35,65Ts,PHENOLIC,-,-,0.08ohm,17.0*32.0*10.0,-,-,- | |
| LC601 | 2901-001173 | FILTER-EMI AC LINE | 250V,3A,UL/CSA/TUV/SEMKO,2200pF,32x39.7x23.4mm,BK,- | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| M/PCB | BH73-60304C | RUBBER-SUPPORT | DP15LT,CR V0,GRAY,-,14*7*10,-,- | SNA |
| OP1 | 0601-001147 | LED | ROUND,GRN,4.75mm,565nm | SNA |
| POS601 | 1404-000002 | THERMISTOR-PTC | 9ohm,20%,-,-,TR,RECT,- | |
| Q401 | 0505-001357 | FET-SILICON | SKS4N20,N,200V,3A,1.3OHM,27W,TO-220F | |
| Q407 | 0505-001305 | FET-SILICON | SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F | |
| R400 | 2003-000724 | R-METAL OXIDE(S) | 5.6ohm,5%,3W,AA,TP,6x16mm | |
| R407 | 2003-000423 | R-METAL OXIDE(S) | 1.2ohm,5%,3W,AA,TP,6x16mm | |
| R516 | 2006-001066 | R-CEMENT | 33OHM,5%,7W,CS,BK,9X10X54MM | |
| R608 | 2003-000756 | R-METAL OXIDE(S) | 6.8Kohm,5%,3W,AA,TP,6x16mm | |
| RL601 | 3501-001111 | RELAY-POWER | 12Vdc,250mW,5A,1FormA,15mS,5mS | ⚠ |
| SH/BNC+SH/BTM | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SH/BTM+M/PCB | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SH/LMF+B/BTM | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SW1 | 3403-001116 | SWITCH-PUSH | 30VDC,0.1A,2C2P,SELF LOCK,- | |
| T401 | BH26-00094A | TRANS HORIZ.DRIVE | EI-2218,PN19,8P,2.5mH,-,-,78uH,-,-,0.6ohm/0.12ohm,-,PL3,DMR30,EI-2218,18.0uH,-,- | ⚠ |
| T402 | BH26-00093A | TRANS-H-.PULSE | EI-2820,PN19,10P,1.5mH,-,-,130uH,-,-,1.2ohm/0.32ohm,-,PL3,DMR30,EI-2820,70uH MAX | ⚠ |
| T501 | BH26-00131A | TRANS FBT | FOM21A010,AQ19IS,80.0UH,SM-19C,FUR3757(SM19C),0.145,76.5V,15P,-10~ +50,BK,27KV | |
| T502 | BH26-00086A | TRANS-FOCUS | EE1916,-,5P,1.7mH MIN,-,-,255mH MIN,-,-,0.85ohm/32.0ohm,-,EE1916(PL3,SL-2),EE19* | ⚠ |
| T601 | BH26-00128A | TRANS POWER | ER-3942(18P),AQ17IS,130UH,18P,AC90 ~240V,-,-,-,-,-,PL3,DMR30,EER 39*42,0.1OHM MA | |
| T620 | BH26-30302S | TRANS-SYNC. | -,-,-,-,-,3-1(250UH),4-6(250UH,-,-,-,0.13OHM,-,SB-5S,UU1116,-,-,-,B,- | ⚠ |
| T701 | BH27-00081A | COIL-PFC | EER-2828,135uH,10%,EER2828(PL3,J2A-1),USTC0.25*932Ts,PHELOLIC,-, GREEN COLOR TAP | |
| TH601 | 1404-001076 | THERMISTOR-NTC | 8ohm,15%,-,17mW/C,TP | ⚠ |
| VR401 | 2103-001049 | VR-SEMI | 100ohm,30%,1/5W,SIDE | |
| BD201 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD280 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD401 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD532 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD602 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD603 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD604 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD651 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD652 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD653 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| C201 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C202 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C203 | 2201-000389 | C-CERAMIC,DISC | 0.022nF,5%,50V,NP0,TP,5x3,5 | |
| C204 | 2201-000389 | C-CERAMIC,DISC | 0.022nF,5%,50V,NP0,TP,5x3,5 | |
| C208 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C209 | 2401-000603 | C-AL | 1uF,20%,50V,GP,TP,5x11,5 | |
| C210 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C211 | 2201-000017 | C-CERAMIC,DISC | 1nF,10%,50V,Y5P,TP,5x3.5,5 | |
| C212 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C213 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C214 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C216 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C220 | 2401-001281 | C-AL | 4.7uF,20%,50V,WT,TP,5x11,5 | |
| C250 | 2202-000654 | C-CERAMIC,MLC-RADIAL | 100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5 | |
| C251 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C252 | 2202-002149 | C-CERAMIC,MLC-RADIAL | 0.82NF,2%,50V,NPO,TP,5.1X3.2X6.4MM,5 | |
| C253 | 2201-000163 | C-CERAMIC,DISC | 10nF,+80-20%,50V,Y5V,TP,7x3,2.5 | |
| C254 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | |
| C255 | 2305-000237 | C-FILM,MPEF | 1uF,5%,63V,TP,7.5x15.5mm,5mm | |
| C256 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C257 | 2301-000188 | C-FILM,PEF | 1nF,5%,100V,TP,10.5x12.5x6.5,5 | |
| C258 | 2201-000132 | C-CERAMIC,DISC | 0.1nF,10%,500V,Y5P,TP,6.5x3,5 | |
| C259 | 2401-000050 | C-AL | 10uF,20%,16V,GP,TP,5x11,2.5 | |
| C260 | 2202-000654 | C-CERAMIC,MLC-RADIAL | 100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5 | |
| C264 | 2401-000031 | C-AL | 47uF,20%,16V,GP,TP,5x11,5 | |
| C265 | 2305-000412 | C-FILM,MPEF | 470nF,5%,63V,TP,-,5mm | |
| C266 | 2301-000168 | C-FILM,PEF | 150nF,5%,100V,TP,11.5x19mm,7.5 | |
| C268 | 2401-003484 | C-AL | 10uF,20%,100V,LZ,TP,6.3X11,5 | |
| C269 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | |
| C270 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C271 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C280 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C281 | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | |
| C283 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C284 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C285 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C301 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C302 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C303 | 2401-002274 | C-AL | 220uF,20%,35V,WT,TP,10x12.5,5 | |
| C304 | 2401-000597 | C-AL | 1uF,20%,50V,GP,TP,4x7mm,1.5mm | |
| C305 | 2301-000013 | C-FILM,PEF | 4.7nF,5%,100V,TP,10.5x12.5x6.5 | |
| C306 | 2305-000237 | C-FILM,MPEF | 1uF,5%,63V,TP,7.5x15.5mm,5mm | |
| C307 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| C308 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C309 | 2301-000294 | C-FILM,PEF | 56nF,5%,100V,TP,9.5x12.5mm,5mm | |
| C310 | 2301-000287 | C-FILM,PEF | 5.6nF,5%,100V,TP,10.5x12.5x6.5 | |
| C312 | 2305-000237 | C-FILM,MPEF | 1uF,5%,63V,TP,7.5x15.5mm,5mm | |
| C401 | 2401-000049 | C-AL | 47uF,20%,100V,WT,TP,10x16,5 | |
| C402 | 2201-000132 | C-CERAMIC,DISC | 0.1nF,10%,500V,Y5P,TP,6.5x3,5 | |
| C403 | 2201-000291 | C-CERAMIC,DISC | 1nF,10%,500V,Y5P,TP,7.5x3.5,5 | |
| C404 | 2301-000020 | C-FILM,PEF | 27nF,5%,100V,TP,7.3x4x12.5mm,5 | |
| C405 | 2305-000624 | C-FILM,MPEF | 330nF,10%,100V,TP,-,5mm | |
| C406 | 2305-000624 | C-FILM,MPEF | 330nF,10%,100V,TP,-,5mm | |
| C407 | 2305-000624 | C-FILM,MPEF | 330nF,10%,100V,TP,-,5mm | |
| C408 | 2303-001022 | C-FILM,PPF | 2nF,5%,2.5KV,TP,23x12x19mm,7.5 | ⚠ |
| C409 | 2303-001022 | C-FILM,PPF | 2nF,5%,2.5KV,TP,23x12x19mm,7.5 | ⚠ |
| C410 | 2201-000291 | C-CERAMIC,DISC | 1nF,10%,500V,Y5P,TP,7.5x3.5,5 | |
| C411 | 2306-000127 | C-FILM,MPPF | 120nF,5%,400V,TP,21.5x17mm,5mm | |
| C412 | 2305-001041 | C-FILM,MPEF | 220nF,5%,63V,TP,7.5x4.5x13.5,5 | |
| C413 | 2306-000127 | C-FILM,MPPF | 120nF,5%,400V,TP,21.5x17mm,5mm | |
| C414 | 2306-000179 | C-FILM,MPPF | 300nF,5%,250V,TP,20x18.5x10.5, | |
| C415 | 2301-001194 | C-FILM,MPPF | 470nF,5%,250V,TP,18x16x8,7.5 | |
| C417 | 2306-000125 | C-FILM,MPPF | 120nF,5%,250V,TP,19x15x7,7.5mm | |
| C418 | 2301-001249 | C-FILM,MPPF | 68nF,5%,400V,TP,19x7x15mm,7.5 | |
| C433 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C440 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C450 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C451 | 2401-002299 | C-AL | 4.7uF,20%,50V,GP,TP,5x7,5 | |
| C452 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C453 | 2202-000561 | C-CERAMIC,MLC-RADIAL | 680pF,5%,50V,NPO,TP,5.1x3.2,5. | |
| C454 | 2201-000017 | C-CERAMIC,DISC | 1nF,10%,50V,Y5P,TP,5x3.5,5 | |
| C456 | 2303-000011 | C-FILM,PPF | 1nF,5%,100V,TP,14x11.5mm,7.5mm | |
| C457 | 2201-000602 | C-CERAMIC,DISC | 0.56nF,5%,50V,SL,TP,10x3.5,5 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C458 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C459 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C460 | 2301-000020 | C-FILM,PEF | 27nF,5%,100V,TP,7.3x4x12.5mm,5 | |
| C461 | 2201-000012 | C-CERAMIC,DISC | 0.22nF,10%,1kV,Y5P,TP,6.3x5,5 | |
| C462 | 2301-000020 | C-FILM,PEF | 27nF,5%,100V,TP,7.3x4x12.5mm,5 | |
| C463 | 2401-001548 | C-AL | 47uF,20%,25V,WT,TP,5x11,5 | |
| C464 | 2301-001322 | C-FILM,PPF | 33nF,5%,250V,TP,17.5x5x11mm,7.5 | |
| C465 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C466 | 2401-003525 | C-AL | 10uF,20%,250V,LZ,TP,10X20,5 | |
| C467 | 2301-000102 | C-FILM,PEF | 1.2nF,5%,100V,TP,5.4x10mm,5mm | |
| C468 | 2201-000131 | C-CERAMIC,DISC | 0.1nF,10%,2kV,Y5P,TP,6.3x5,5 | |
| C501 | 2301-000294 | C-FILM,PEF | 56nF,5%,100V,TP,9.5x12.5mm,5mm | |
| C502 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C503 | 2401-001378 | C-AL | 470uF,20%,16V,WT,TP,10x20,5 | |
| C504 | 2401-000292 | C-AL | 100uF,20%,16V,WT,TP,8x11.5mm,5 | |
| C505 | 2201-000163 | C-CERAMIC,DISC | 10nF,+80-20%,50V,Y5V,TP,7x3,2.5 | |
| C506 | 2305-001041 | C-FILM,MPEF | 220nF,5%,63V,TP,7.5x4.5x13.5,5 | |
| C507 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C508 | 2401-000031 | C-AL | 47uF,20%,16V,GP,TP,5x11,5 | |
| C509 | 2401-000031 | C-AL | 47uF,20%,16V,GP,TP,5x11,5 | |
| C510 | 2301-000312 | C-FILM,PEF | 8.2nF,5%,100V,TP,6x12.5mm,5mm | |
| C511 | 2303-000147 | C-FILM,PPF | 1NF,5%,2KV,TP,23X13X8MM,7.5 | |
| C512 | 2401-001576 | C-AL | 47uF,20%,50V,GP,TP,8x11.5,5 | |
| C513 | 2401-000638 | C-AL | 2.2uF,20%,350V,WT,TP,10x12.5mm | |
| C514 | 2201-000325 | C-CERAMIC,DISC | 2.2nF,10%,500V,Y5P,TP,9.5x4,5 | |
| C516 | 2401-000771 | C-AL | 220uF,20%,100V,WT,TP,16x25,7.5 | |
| C520 | 2301-001027 | C-FILM,PEF | 15nF,10%,250V,TP,9.5x12x4.5,5m | |
| C530 | 2401-000638 | C-AL | 2.2uF,20%,350V,WT,TP,10x12.5mm | |
| C531 | 2401-000026 | C-AL | 3.3UF,20%,50V,GP,TP,5X11,5 | |
| C532 | 2301-001480 | C-FILM,MPEF | 2000NF,5%,100V,TP,17X16.5X9.5,7.5 | |
| C533 | 2305-000665 | C-FILM,MPEF | 100nF,5%,63V,TP,7.5x4.0x5.0mm, | ⚠ |
| C535 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C536 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | |
| C540 | 2201-000285 | C-CERAMIC,DISC | 1nF,10%,1kV,Y5P,TP,8x5,5 | |
| C550 | 2201-000144 | C-CERAMIC,DISC | 0.1nF,5%,50V,NP0,TP,8.5x3,5 | |
| C551 | 2301-000168 | C-FILM,PEF | 150nF,5%,100V,TP,11.5x19mm,7.5 | |
| C552 | 2305-000004 | C-FILM,MPEF | 220nF,10%,100V,TP,12.7x16,5mm | |
| C559 | 2201-000129 | C-CERAMIC,DISC | 0.1nF,10%,1kV,Y5P,TP,7x4,5 | |
| C562 | 2401-001576 | C-AL | 47uF,20%,50V,GP,TP,8x11.5,5 | |
| C598 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C599 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C603 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | ⚠ |
| C604 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | ⚠ |
| C605 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C608 | 2401-000015 | C-AL | 33uF,20%,50V,WT,-,6.3x11mm,2.5 | |
| C609 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C610 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C611 | 2201-000012 | C-CERAMIC,DISC | 0.22nF,10%,1kV,Y5P,TP,6.3x5,5 | |
| C612 | 2201-000129 | C-CERAMIC,DISC | 0.1nF,10%,1kV,Y5P,TP,7x4,5 | |
| C613 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | |
| C614 | 2201-000023 | C-CERAMIC,DISC | 2.2nF,20%,125V,Y5U,TP,11x7,5 | ⚠ |
| C620 | 2401-000613 | C-AL | 1uF,20%,50V,WT,TP,5x11,5 | |
| C621 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C622 | 2301-000013 | C-FILM,PEF | 4.7nF,5%,100V,TP,10.5x12.5x6.5 | |
| C624 | 2301-000016 | C-FILM,PEF | 22nF,5%,100V,TP,7.2x4.5x9.0mm, | |
| C625 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C627 | 2301-000004 | C-FILM,PEF | 2.2nF,5%,100V,TP,5.5X10X2.9,5m | ⚠ |
| C628 | 2301-000174 | C-FILM,PEF | 15nF,5%,100V,TP,7.2x4.0x7.5mm, | ⚠ |
| C629 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| C641 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C642 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C643 | 2401-001378 | C-AL | 470uF,20%,16V,WT,TP,10x20,5 | |
| C644 | 2401-000770 | C-AL | 220uF,20%,100V,WT,TP,13*25,5mm | |
| C645 | 2401-001422 | C-AL | 470uF,20%,35V,WT,TP,12.5x25,5 | |
| C646 | 2401-000040 | C-AL | 47uF,20%,250V,WT,TP,16x25mm,7. | |
| C649 | 2201-000551 | C-CERAMIC,DISC | 0.47nF,10%,1kV,Y5P,TP,6.3x5,5 | |
| C650 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C651 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C652 | 2401-000010 | C-AL | 220uF,20%,16V,GP,-,6.3x11mm,2. | ⚠ |
| C653 | 2201-000119 | C-CERAMIC,DISC | 100nF,+80-20%,50V,Y5V,TP,8x3,5 | ⚠ |
| C654 | 2401-000142 | C-AL | 1000uF,20%,16V,WT,TP,10x20,5 | |
| C655 | 2301-000148 | C-FILM,PEF | 10nF,5%,100V,TP,7x3.2x7mm,5mm | |
| C656 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C702 | 2305-001041 | C-FILM,MPEF | 220nF,5%,63V,TP,7.5x4.5x13.5,5 | |
| C703 | 2201-000602 | C-CERAMIC,DISC | 0.56nF,5%,50V,SL,TP,10x3.5,5 | |
| C705 | 2301-000188 | C-FILM,PEF | 1nF,5%,100V,TP,10.5x12.5x6.5,5 | |
| C706 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C708 | 2401-000970 | C-AL | 22uF,20%,50V,WT,TP,5x11,5 | |
| C710 | 2201-000019 | C-CERAMIC,DISC | 10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5 | |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CIS | 0203-001201 | TAPE-PAPER | #FB-300,T0.16,W6,L2000M,R/BLU | SNA |
| CN209 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN210 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN414 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN415 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN420 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN421 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN601 | 3711-000217 | CONNECTOR-HEADER | 1WALL,3P,1R,3.96mm,STRAIGHT,SN | SNA |
| CN602 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | ⚠ SNA |
| CN603 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN608 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN609 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| D201 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D202 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D250 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D251 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D254 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D282 | 0402-001039 | DIODE-RECTIFIER | SB020,20V,600mA,MPG06,TP | |
| D301 | 0402-000272 | DIODE-RECTIFIER | UF4001,50V,1A,DO-41,TP | |
| D302 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D303 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D401 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D405 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D406 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D407 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| D408 | 0402-000272 | DIODE-RECTIFIER | UF4001,50V,1A,DO-41,TP | |
| D450 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D451 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D452 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D453 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D454 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| D456 | 0402-000454 | DIODE-RECTIFIER | RG10V1,400V,1.2A,DO-201 | |
| D478 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D501 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D503 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D504 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D508 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D509 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D510 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D520 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| D521 | 0402-001114 | DIODE-RECTIFIER | 1N4936GP,400V,1A,DO-204AL,TP | |
| D522 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D523 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D530 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D532 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D540 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D551 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D552 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D553 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D561 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D598 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D599 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D602 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D604 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D605 | 0402-000012 | DIODE-RECTIFIER | UF4007,1KV,1A,DO-41,TP | |
| D606 | 0402-000546 | DIODE-RECTIFIER | TVR10G,400V,1.0A,DO-41,TP | |
| D620 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D621 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D640 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | |
| D642 | 0402-001118 | DIODE-RECTIFIER | UF1G,400V,1.2A,DO-204AL,TP | ⚠ |
| D644 | 0402-001190 | DIODE-RECTIFIER | RG10Z,200V,1.2A,DO-15,TP | |
| D646 | 0402-000274 | DIODE-RECTIFIER | UF4004,400V,1A,DO-41,TP | ⚠ |
| D650 | 0402-000017 | DIODE-RECTIFIER | RGP02-12,1200V,0.5A,DO-204AL,T | |
| D670 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| D702 | 0402-000546 | DIODE-RECTIFIER | TVR10G,400V,1.0A,DO-41,TP | |
| D703 | 0402-001111 | DIODE-RECTIFIER | 1N5397GP,600V,1.5A,DO-204AC,TP | |
| D704 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| EY301 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY302 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY401 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY402 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY403 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY404 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY405 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY408 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY409 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY410 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY411 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| EY412 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY413 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY415 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY420 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY440 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | ⚠ SNA |
| EY441 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY501 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY502 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY503 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY504 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY505 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY506 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY507 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY508 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY509 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY510 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY511 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY512 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY550 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY599 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY6 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY601 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | ⚠ SNA |
| EY602 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY603 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY604 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY607 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY608 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | ⚠ SNA |
| EY609 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY61 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY610 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY611 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY612 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY613 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY614 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY615 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY616 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY703 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY704 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY705 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| FH601 | 3602-000001 | FUSE-CLIP | -,-,30mohm | SNA |
| IC202 | 1203-000515 | IC-VOL. DETECTOR | 7042,TO-92,3P,177MIL,PLASTIC,4 | SNA |
| IC280 | 1103-001150 | IC-EEPROM | 524C80D81,8KBit,DIP,8P,300MIL,10mS,5V,10%,PLASTIC,-25to+70C,10uA,CMOS,ST | |
| IC402 | 1203-001099 | IC-PWM CONTROLLER | 3843,DIP,8P,250MIL,PLASTIC,30V | |
| IC501 | 1203-000610 | IC-PWM CONTROLLER | 494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST | |
| IC621 | 1203-000002 | IC-POSI.ADJUST REG. | 431,TO-92,3P,-,PLASTIC,2.44/2. | ⚠ |
| IC701 | 1203-002081 | IC-PWM CONTROLLER | 33260,DIP,8P,300MIL,PLASTIC,-,600mW,-40to+105C,-,-,ST | |
| JP104 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP106 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP113 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP114 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP116 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP150 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP151 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP153 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP154 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP157 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP158 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP159 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP167 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP178 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP184 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP186 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP187 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP189 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP190 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP191 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP192 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP193 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP194 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP197 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP198 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP204 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP210 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP212 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP213 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP216 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP227 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP239 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP245 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP266 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP267 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP268 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP269 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP275 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP276 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP289 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP294 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP295 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP297 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP302 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP303 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP307 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP308 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP323 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP324 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP327 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP328 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP334 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP335 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP337 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP340 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP344 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP346 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP361 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP362 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP363 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP364 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP365 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP371 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP372 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP374 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP375 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP376 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP377 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP378 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP379 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP381 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP383 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP390 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP397 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP399 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP402 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP404 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP412 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP415 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP416 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP417 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP418 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP419 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP421 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP425 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP439 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP440 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP441 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP442 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP451 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP453 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP454 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP455 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP460 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP475 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP480 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP481 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP483 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP486 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP487 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP491 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP511 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP516 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP522 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP546 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP547 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP548 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP549 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP569 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP572 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP574 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP578 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP579 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP581 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP585 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP586 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP587 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP588 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP589 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP590 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP591 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP596 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP597 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP598 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP603 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP609 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP615 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP616 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP617 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP619 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP623 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP626 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP629 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP630 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP632 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP633 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP635 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP637 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP638 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP640 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP643 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP644 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP645 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP646 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP647 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP648 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP649 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP650 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP651 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP652 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP653 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP654 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP655 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP656 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP657 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP659 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP660 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP661 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP662 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP663 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP664 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP665 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP666 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP675 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP678 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP679 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP680 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP681 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP682 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP683 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP684 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP685 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP686 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP687 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP688 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP690 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP692 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP694 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP695 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP696 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP697 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP698 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP699 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP700 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP701 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP702 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP703 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| L501 | 2701-000179 | INDUCTOR-AXIAL | 33uH,10%,4.2x9.8mm | |
| L502 | 2701-000187 | INDUCTOR-AXIAL | 4.7uH,10%,4.2x9.8mm | |
| MP1.0 | BH41-00175A | PCB MAIN | AQ17IS, FR1,247*330*1.6T,1.0,1.6T,247*330*1.6T,AQUILA,-,-,- | |
| Q250 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q251 | 0501-000303 | TR-SMALL SIGNAL | KSA733,PNP,250mW,TO-92,TP,120-240 | |
| Q301 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q408 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q409 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q410 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q411 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q412 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q450 | 0501-000303 | TR-SMALL SIGNAL | KSA733,PNP,250mW,TO-92,TP,120-240 | |
| Q451 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q452 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q453 | 0501-000303 | TR-SMALL SIGNAL | KSA733,PNP,250mW,TO-92,TP,120-240 | |
| Q502 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q503 | 0501-000581 | TR-SMALL SIGNAL | 2N3906,PNP,625mW,TO-92,TP,100-300 | |
| Q520 | 0501-000143 | TR-SMALL SIGNAL | 2N6520,PNP,625mW,TO-92,TP,30-200 | |
| Q521 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q540 | 0501-000413 | TR-SMALL SIGNAL | KSP44,NPN,625mW,TO-92,TP,50-200 | |
| Q541 | 0501-000413 | TR-SMALL SIGNAL | KSP44,NPN,625mW,TO-92,TP,50-200 | |
| Q553 | 0501-000361 | TR-SMALL SIGNAL | KSC2316-Y,NPN,900mW,TO-92L,TP,120-240 | |
| Q601 | 0501-000010 | TR-SMALL SIGNAL | KSC1008,NPN,800mW,TO-92,TP,120-240 | |
| Q620 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q670 | 0501-002228 | TR-SMALL SIGNAL | KTA1281,PNP,1000mW,TO-92L,TP,120-240 | |
| Q671 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q672 | 0501-002228 | TR-SMALL SIGNAL | KTA1281,PNP,1000mW,TO-92L,TP,120-240 | |
| R200 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R203 | 2001-000515 | R-CARBON | 220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R204 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R205 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R206 | 2001-000739 | R-CARBON | 4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R207 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R208 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R209 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R210 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R211 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R215 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R216 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R218 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R219 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R220 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R221 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R222 | 2001-000613 | R-CARBON | 3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R225 | 2001-000435 | R-CARBON | 1MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R226 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R227 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R228 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R229 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R230 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R231 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R233 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R236 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R237 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R238 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R239 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R240 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R242 | 2001-000008 | R-CARBON | 15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R243 | 2001-000008 | R-CARBON | 15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R250 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R251 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R252 | 2001-000563 | R-CARBON | 27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R253 | 2004-001118 | R-METAL | 5Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R254 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R255 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R256 | 2004-004367 | R-METAL | 90Kohm,1%,1/4W,AA,TP,6.2x2.6mm | |
| R261 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R264 | 2001-000319 | R-CARBON | 120KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R265 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R266 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R267 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R268 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R269 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R270 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R271 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R272 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R278 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R280 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R281 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R282 | 2001-001050 | R-CARBON(S) | 1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R283 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R284 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R301 | 2004-000344 | R-METAL | 15Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R302 | 2004-001136 | R-METAL | 6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R303 | 2005-001064 | R-WIRE WOUND | 0.9OHM,5%,2W,AA,TP,3.8X11MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R304 | 2001-000037 | R-CARBON(S) | 330OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R305 | 2001-000105 | R-CARBON | 1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R306 | 2001-000016 | R-CARBON(S) | 1OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R307 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R308 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R309 | 2001-000977 | R-CARBON | 8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R310 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R311 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R312 | 2008-000114 | R-FUSIBLE | 1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm | |
| R313 | 2004-001254 | R-METAL | 8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R314 | 2004-000458 | R-METAL | 2.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R315 | 2004-000334 | R-METAL | 150ohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R316 | 2008-000114 | R-FUSIBLE | 1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm | |
| R402 | 2001-000047 | R-CARBON | 2.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R403 | 2003-000533 | R-METAL OXIDE(S) | 18ohm,5%,3W,AA,TP,6x16mm | |
| R404 | 2001-000515 | R-CARBON | 220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R405 | 2001-001163 | R-CARBON(S) | 560OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R406 | 2001-000019 | R-CARBON(S) | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R408 | 2003-000473 | R-METAL OXIDE(S) | 10ohm,5%,3W,AA,TP,6x16mm | |
| R409 | 2003-000547 | R-METAL OXIDE(S) | 1ohm,5%,3W,AA,TP,6x16mm | |
| R410 | 2003-000502 | R-METAL OXIDE(S) | 150ohm,5%,2W,AA,TP,4x12mm | |
| R412 | 2001-001153 | R-CARBON(S) | 47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R413 | 2001-001153 | R-CARBON(S) | 47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R414 | 2003-000450 | R-METAL OXIDE(S) | 100Kohm,5%,3W,AA,TP,6x16mm | |
| R420 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R421 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R422 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R423 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R424 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R425 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R426 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R427 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R428 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R429 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R430 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R431 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R432 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R433 | 2001-000221 | R-CARBON | 1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R434 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R435 | 2001-000037 | R-CARBON(S) | 330OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R440 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R441 | 2003-000661 | R-METAL OXIDE(S) | 33ohm,5%,2W,AA,TP,4x12mm | |
| R444 | 2001-001120 | R-CARBON(S) | 3.3OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R450 | 2001-000011 | R-CARBON | 75KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R451 | 2001-000017 | R-CARBON | 4.7OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R452 | 2001-000645 | R-CARBON | 330KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R453 | 2001-000539 | R-CARBON | 24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R454 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R455 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R456 | 2001-000011 | R-CARBON | 75KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R459 | 2004-000616 | R-METAL | 24Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R460 | 2004-000284 | R-METAL | 12Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R461 | 2001-000055 | R-CARBON | 4.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R462 | 2004-000412 | R-METAL | 18Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R463 | 2001-000042 | R-CARBON | 1KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R464 | 2001-000042 | R-CARBON | 1KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R465 | 2001-000028 | R-CARBON(S) | 100OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R466 | 2001-000050 | R-CARBON | 2.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R467 | 2008-000140 | R-FUSIBLE | 2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm | |
| R468 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R490 | 2004-000580 | R-METAL | 22Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R501 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R502 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R503 | 2001-000812 | R-CARBON | 5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R504 | 2001-000689 | R-CARBON | 390KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R505 | 2001-000977 | R-CARBON | 8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R506 | 2001-000800 | R-CARBON | 5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R507 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R508 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R509 | 2001-000800 | R-CARBON | 5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R510 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R511 | 2001-000018 | R-CARBON | 6.8OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R512 | 2005-000210 | R-WIRE WOUND | 0.33ohm,5%,1W,AC,BK,4.5x11mm | |
| R515 | 2001-000073 | R-CARBON | 33KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R520 | 2001-000084 | R-CARBON | 100KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R521 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R522 | 2004-000515 | R-METAL | 200Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R523 | 2001-000096 | R-CARBON(S) | 1MOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R524 | 2004-001254 | R-METAL | 8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R525 | 2004-000123 | R-METAL | 1.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R526 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R527 | 2001-000878 | R-CARBON | 6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R531 | 2004-000964 | R-METAL | 470Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R532 | 2004-000643 | R-METAL | 270Kohm,1%,1/4W,AA,TP,2.4x6.4m | ⚠ |
| R541 | 2001-000114 | R-CARBON(S) | 180KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R542 | 2001-000114 | R-CARBON(S) | 180KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R543 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R545 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R546 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R547 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R550 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R551 | 2001-000723 | R-CARBON | 4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R552 | 2001-000319 | R-CARBON | 120KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R553 | 2001-000105 | R-CARBON | 1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R555 | 2001-001144 | R-CARBON(S) | 4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R556 | 2001-001153 | R-CARBON(S) | 47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R557 | 2003-000459 | R-METAL OXIDE(S) | 100ohm,5%,3W,AA,TP,6x16mm | |
| R558 | 2003-000008 | R-METAL OXIDE(S) | 100ohm,5%,1W,AA,TP,3.3x9mm | |
| R560 | 2001-000800 | R-CARBON | 5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R561 | 2001-000331 | R-CARBON | 12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R563 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R564 | 2001-000591 | R-CARBON | 3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R565 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R567 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R596 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| R597 | 2002-001075 | R-COMPOSITION | 30Mohm,5%,1/2W,AA,TP,4.0x10mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R598 | 2001-000114 | R-CARBON(S) | 180KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R599 | 2001-001110 | R-CARBON(S) | 240KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R601 | 2001-000354 | R-CARBON | 150KOHM,5%,1/4W,AA,TP,2.4X6.4MM | ⚠ |
| R602 | 2001-000354 | R-CARBON | 150KOHM,5%,1/4W,AA,TP,2.4X6.4MM | ⚠ |
| R603 | 2001-000022 | R-CARBON(S) | 33OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R604 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R605 | 2001-000044 | R-CARBON | 1.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R606 | 2001-000085 | R-CARBON(S) | 100KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R607 | 2001-000087 | R-CARBON(S) | 120KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R609 | 2001-000376 | R-CARBON | 15OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R620 | 2001-000552 | R-CARBON | 270OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R621 | 2001-000003 | R-CARBON | 330ohm,5%,1/8W,AA,TP,1.8x3.2mm | ⚠ |
| R622 | 2001-000241 | R-CARBON | 1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R623 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R624 | 2001-000034 | R-CARBON | 220OHM,5%,1/4W,AA,TP,2.4X6.4MM | ⚠ |
| R625 | 2001-000508 | R-CARBON | 220KOHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R626 | 2004-000679 | R-METAL | 2Kohm,1%,1/4W,AA,TP,2.4x6.4mm | ⚠ |
| R627 | 2004-000523 | R-METAL | 200ohm,1%,1/4W,AA,TP,2.4x6.4mm | ⚠ |
| R628 | 2002-001082 | R-COMPOSITION | 180KOHM,2%,1W,AA,TP,4X12MM | |
| R629 | 2001-000890 | R-CARBON | 6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R630 | 2001-000577 | R-CARBON | 2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R631 | 2001-000577 | R-CARBON | 2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R640 | 2001-000376 | R-CARBON | 15OHM,5%,1/8W,AA,TP,1.8X3.2MM | ⚠ |
| R644 | 2001-001131 | R-CARBON(S) | 33KOHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R649 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R651 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R655 | 2002-001079 | R-COMPOSITION | 470Kohm,5%,1/2W,AA,TP,4x10mm | |
| R656 | 2001-000028 | R-CARBON(S) | 100OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R668 | 2001-000958 | R-CARBON | 750OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R670 | 2002-001068 | R-COMPOSITION | 180Kohm,5%,1/2W,AA,TP,3.9x9mm | |
| R671 | 2002-001068 | R-COMPOSITION | 180Kohm,5%,1/2W,AA,TP,3.9x9mm | |
| R672 | 2001-000786 | R-CARBON | 47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R673 | 2001-000472 | R-CARBON | 2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R674 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R675 | 2001-001038 | R-CARBON(S) | 0.56OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R676 | 2001-000449 | R-CARBON | 2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R677 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R688 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R701 | 2005-001170 | R-WIRE WOUND,NON | 0.33ohm,1%,3W,AA,TP,5.5x15mm | |
| R702 | 2001-001013 | R-CARBON | 9.1KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R703 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R704 | 2004-001863 | R-METAL | 680Kohm,1%,1/4W,AA,TP,2.4x7mm | |
| R705 | 2004-001863 | R-METAL | 680Kohm,1%,1/4W,AA,TP,2.4x7mm | |
| R706 | 2004-001863 | R-METAL | 680Kohm,1%,1/4W,AA,TP,2.4x7mm | |
| R711 | 2008-000125 | R-FUSIBLE | 10ohm,5%,1/4W,AA,TP,2.6x6.7mm | |
| R712 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R721 | 2001-000786 | R-CARBON | 47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| SK530 | 4715-001055 | SURGE ABSORBER | 1kV,+50-10%,-,-,RADIAL | SNA |
| TCO | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| X201 | 2801-003413 | CRYSTAL-UNIT | 24MHz,30ppm,28-ABQ,20pF,20ohm, | |
| ZD201 | 0403-000367 | DIODE-ZENER | UZ7.5BSC,7.5V,7.33-7.64V,500mW | |
| ZD286 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD450 | 0403-000004 | DIODE-ZENER | UZ12BM,12V,11.6-12.4V,500mW,DO | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| ZD520 | 0403-001068 | DIODE-ZENER | UZ4.7BSA,4.7V,4.47-4.65V,500mW | |
| ZD601 | 0403-000753 | DIODE-ZENER | MTZJ27D,27V,26.29-27.64V,500mW | |
| ZD705 | 0403-000004 | DIODE-ZENER | UZ12BM,12V,11.6-12.4V,500mW,DO | |
| ZD706 | 0403-000538 | DIODE-ZENER | MTZ16C,16V,15.69-16.51V,500mW, | |
| | | | | |
| HS301 | BH99-00002G | ASSY HEAT/SINK | H/S V.IC,SCREW+NUT,KA2142,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 1204-001508 | IC-VERTICAL DEF. | KA2142,SIP,10P,-,PLASTIC,35V,15W,-20TO+70C,ST,VERTICAL DEFLECTION | |
| CIS | 6006-001097 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L8,ZPC(YEL),SWRCH18A | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00047A | HEAT SINK-V.IC | PS17NO(DELL),A1050S,T1.0,70,77,-,-,- | SNA |
| | | | | |
| HS651 | BH99-00011B | ASSY HEAT/SINK | HS,SPRING,78R12,7805,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 1203-000001 | IC-POSI.FIXED REG. | 7805,TO-220,3P,-,PLASTIC,4.8/5 | |
| CIS | 1203-000165 | IC-POSI.ADJUST REG. | 78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST | |
| CIS | BH61-00004A | SPRING-TR | CDA,CDB,SUS304,T0.5,-,-,-,- | SNA |
| CIS | BH62-00045A | HEAT SINK-TR | AQ19FS,A1050S,T1.0,25,54,-,-,- | SNA |
| | | | | |
| HS504 | BH99-00013E | ASSY HEAT/SINK | HS,SPRING,2SK2761,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001266 | FET-SILICON | 2SK2761-01MR,N,600V,10A,0.85oh | |
| CIS | BH61-00004A | SPRING-TR | CDA,CDB,SUS304,T0.5,-,-,-,- | SNA |
| CIS | BH62-00020B | HEAT SINK-POWER | PS17NO,A1050S,T1.0,97,55,-,-,- | |
| | | | | |
| HS402_1 | BH99-00029C | ASSY HEAT/SINK | HS,SPRING,FJL6820,10F150S,-,MICA,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0402-001319 | DIODE-RECTIFIER | SDS10F150S,1.5KV,10A,TO-220F,ST | |
| CIS | 0502-001202 | TR-POWER | FJL6820,NPN,200000MW,TO-264,ST,8- | |
| CIS | BH61-70003A | SPRING | CVT4857,STS304-W1/2H,T0.5,W3.8 | SNA |
| CIS | BH62-00001A | INSULATION-MICA | CSM920B,MICA,-,-,-,-,-,-,POWER-TR | SNA |
| CIS | BH62-00040A | HEAT SINK-HOR. | PN19MT,A1050S,T2.0,95,110,-,-,- | SNA |
| | | | | |
| HS409 | BH99-00030B | ASSY HEAT/SINK | HS TR,SCREW+NUT,SKS10N20(4),-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001305 | FET-SILICON | SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00044A | HEAT SINK-TR | AQ19FS,A1050S,T2.0,20,55,-,-,- | SNA |
| | | | | |
| HS401 | BH99-00041A | ASSY HEAT/SINK | HS,SPRING,SFP9634,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001359 | FET-SILICON | SFP9634,P,-250V,-5A,1.3OHM,70W,TO-220 | |
| CIS | BH61-00004A | SPRING-TR | CDA,CDB,SUS304,T0.5,-,-,-,- | SNA |
| CIS | BH62-00039A | HEAT SINK-TR | PN19MT,A1050S,T1.0,20,20,-,-,- | SNA |
| | | | | |
| HS508 | BH99-00045A | ASSY HEAT/SINK | HS,SCREW+NUT,TIP29C,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0502-000348 | TR-POWER | TIP29C,NPN,2W,TO-220,-,15-75 | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00051A | HEAT SINK-V IC | AQ17,SPC-1,T1.0,H60,L13,-,-,- | SNA |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| HS509 | BH99-00045B | ASSY HEAT/SINK | HS,SCREW+NUT,TIP30C,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0502-000351 | TR-POWER | TIP30,PNP,2W,TO-220AB,-,15-75 | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-00051A | HEAT SINK-V IC | AQ17,SPC-1,T1.0,H60,L13,-,-,- | SNA |
| | | | | |
| HS60 | BH99-10019N | ASSY,HEAT/SINK | HS,-,31DF6,-,-,SOLDER,-,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0402-001289 | DIODE-RECTIFIER | 31DF6,600V,3A,DO-201AD,BK | |
| CIS | BH62-30024B | HEAT/SINK-IC | SPC-1,T1,SN COATING,- | SNA |
| | | | | |
| HS606 | BH99-10019Q | ASSY,HEAT/SINK | HS,SOLDER,UF5404,-,-,-,-,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0402-001294 | DIODE-RECTIFIER | UF5404L-5709,400V,3A,DO-201AD,BK | |
| CIS | BH62-30024B | HEAT/SINK-IC | SPC-1,T1,SN COATING,- | SNA |
| | | | | |
| HSD701 | BH99-10019X | ASSY HEAT/SINK | HS TR,SOLDER,GUR460L,-,-,- | SNA |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO-201AD,BK | |
| CIS | BH62-30024B | HEAT/SINK-IC | SPC-1,T1,SN COATING,- | SNA |
| | | | | |
| HSQ701 | BH99-10047E | ASSY HEAT/SINK | HS TR,SCREW+NUT,2SK2761,-,-,OIL SILICON | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 0505-001266 | FET-SILICON | 2SK2761-01MR,N,600V,10A,0.85oh | |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH62-30409A | HEAT/SINK-TR | A6063S,T1.5,-,CGH7609 | SNA |
| | | | | |
| HS601 | BH99-10052L | ASSY HEAT/SINK | HS POWER,SPRING,DP408,-,-,RUBBER SILICON | SNA |
| CIS | BH13-00019A | IC-POWER SWTICH | DP408,PN19MT,5P,-25to+85C,TO-3P-5L,-,35V,ST | |
| CIS | BH61-70003A | SPRING | CVT4857,STS304-W1/2H,T0.5,W3.8 | SNA |
| CIS | BH62-20001A | SILICON/RUBBER-TR | CSQ4357,W33*L25*T0.45,-,-,-,-, | SNA |
| CIS | BH62-30411C | HEAT/SINK | A6063S,T1.8,-,ALL | SNA |

## 7-2-2 AQ19** Video PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | BH68-00001A | LABEL/MARK-CDT | ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT | SNA |
| CIS | BH75-00085B | UNIT/SHIELD-COVER(VIDEO) | PG19HS,SPTE T0.2,-,-,- | SNA |
| CIS | BH39-00084A | CBF-HARNESS | -,100MM,-,-,8*0.16TA*16,35068-9822/35750-101 | |
| CIS | BH71-00021A | COVER-VIDEO(SHIELD) | PG17HS,SPTE,T0.3,-,- | SNA |
| CIS | BH71-10311A | EARTH-PLATE | PBS 3/4H,T0.2 | SNA |
| CIS | BH75-00193A | UNIT/SHIELD-VIDEO | PG17HS,-,A1050S,-,-,PG,- | SNA |
| CIS | BH61-00002A | SPRING-VIDEO | CDB7907,STS H14 ,T1.0,-,-,-,NORMAL CDT | SNA |
| CIS | BH71-00022A | SHIELD-VIDEO | PG17HS,A1050S,T1.0,-,- | SNA |
| CIS | BH72-00058A | HOLDER-VIDEO | PG17HS,ABS+PC,5V(NONE,1,PHOSPHATE),IV16,-,- | SNA |
| CIS | BH73-00014A | HOLDER-RUBBER(NORMAL) | DEL,SILICON V2,GRAY,-,-,-,NORMAL | SNA |
| CLAMP | 6502-000001 | CABLE CLAMP | DAWH-5NB,D15,L35,NTR,NYLON66 | SNA |
| CN101 | 3711-004228 | CONNECTOR-HEADER | BOX,6P,1R,2MM,ANGLE,SN | SNA |
| CN102 | 3711-004123 | CONNECTOR-HEADER | BOX,15P,1R,2mm,ANGLE,SN | SNA |
| HS3 | BH62-00048A | HEAT SINK-IC | AQ17,19,A6063S,T2.5,25.6,35,-,-,- | SNA |
| IC101 | 1201-001287 | IC-VIDEO AMP | 52748,DIP,36P,500MIL,TRIPLE,-, | |
| SH/VID | 6502-000001 | CABLE CLAMP | DAWH-5NB,D15,L35,NTR,NYLON66 | SNA |
| SH/VID+H/S | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| SK105 | 3704-001142 | SOCKET-CRT | 10P,22.5PI,25.6PI,NI,- | |
| BD104 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| C102 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C103 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C105 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C106 | 2203-000260 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,2012 | |
| C107 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C109 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C118 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C119 | 2203-001002 | C-CERAMIC,CHIP | 0.047nF,5%,50V,NP0,TP,2012 | |
| C120 | 2203-000818 | C-CERAMIC,CHIP | 0.033nF,5%,50V,NP0,TP,2012 | |
| C122 | 2203-001105 | C-CERAMIC,CHIP | 6.8nF,10%,50V,X7R,TP,2012 | |
| C123 | 2203-000239 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,2012 | |
| C127 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C154 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C158 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C161 | 2203-000260 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,2012 | |
| C166 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C171 | 2203-000361 | C-CERAMIC,CHIP | 0.15nF,5%,50V,NP0,TP,2012 | |
| C172 | 2203-000361 | C-CERAMIC,CHIP | 0.15nF,5%,50V,NP0,TP,2012 | |
| C182 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C182_1 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C186 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C187 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C188 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| C189 | 2203-001128 | C-CERAMIC,CHIP | 0.68nF,10%,50V,X7R,TP,2012 | |
| CB01 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CB03 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CB21 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CG01 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CG03 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CG21 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CR01 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CR03 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| CR21 | 2203-000206 | C-CERAMIC,CHIP | 100nF,10%,50V,X7R,TP,2012 | |
| D104 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| DB01 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| DB05 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| DG01 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| DG05 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| DR01 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| DR05 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| IC103 | 1204-001864 | IC-OSD PROCESSOR | S5D2509X09-S0,SOP,24P,295MIL,PLASTIC,6.5V,1200MW,-20+70C,TR,10LANGUAGES | |
| IC105 | 1201-001791 | IC-VIDEO AMP | -,SOP,24P,375MIL,-,-,PLASTIC,7V,0.8W,-20TO+80C,-,-,-,-,-,TR | ⚠ |
| L103 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L104 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L105 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L106 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| R101 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R102 | 2007-001208 | R-CHIP | 82KOHM,5%,1/10W,DA,TP,2012 | |
| R103 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |
| R105 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R106 | 2007-000030 | R-CHIP | 560OHM,5%,1/10W,DA,TP,2012 | |
| R107 | 2007-000671 | R-CHIP | 2KOHM,5%,1/10W,DA,TP,2012 | |
| R108 | 2007-000872 | R-CHIP | 4.7KOHM,5%,1/10W,DA,TP,2012 | |
| R111 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |
| R112 | 2007-000518 | R-CHIP | 2.7KOHM,5%,1/10W,DA,TP,2012 | |
| R113 | 2007-000586 | R-CHIP | 22KOHM,5%,1/10W,DA,TP,2012 | |
| R115 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R118 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R119 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R120 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R124 | 2007-000030 | R-CHIP | 560OHM,5%,1/10W,DA,TP,2012 | |
| R125 | 2007-000511 | R-CHIP | 2.4KOHM,5%,1/10W,DA,TP,2012 | |
| R151 | 2007-000981 | R-CHIP | 5.6KOHM,5%,1/10W,DA,TP,2012 | |
| R152 | 2007-000355 | R-CHIP | 12KOHM,5%,1/10W,DA,TP,2012 | |
| R153 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R157 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R158 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R161 | 2007-000671 | R-CHIP | 2KOHM,5%,1/10W,DA,TP,2012 | |
| R162 | 2007-000493 | R-CHIP | 2.2KOHM,5%,1/10W,DA,TP,2012 | |
| R164 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| R165 | 2007-000710 | R-CHIP | 3.9KOHM,5%,1/10W,DA,TP,2012 | |
| R175 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| R176 | 2007-000241 | R-CHIP | 1.5KOHM,5%,1/10W,DA,TP,2012 | |
| R177 | 2007-000872 | R-CHIP | 4.7KOHM,5%,1/10W,DA,TP,2012 | |
| R178 | 2007-000981 | R-CHIP | 5.6KOHM,5%,1/10W,DA,TP,2012 | |
| R180 | 2007-001177 | R-CHIP | 8.2KOHM,5%,1/10W,DA,TP,2012 | SNA |
| R188 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R189 | 2007-000355 | R-CHIP | 12KOHM,5%,1/10W,DA,TP,2012 | |
| R190 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| R191 | 2007-000468 | R-CHIP | 1KOHM,5%,1/10W,DA,TP,2012 | |
| R193 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R194 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| R196 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R197 | 2007-000941 | R-CHIP | 47KOHM,5%,1/10W,DA,TP,2012 | |
| R198 | 2007-000290 | R-CHIP | 100OHM,5%,1/10W,DA,TP,2012 | |
| R199 | 2007-000300 | R-CHIP | 10KOHM,5%,1/10W,DA,TP,2012 | |
| RB01 | 2007-001166 | R-CHIP | 75OHM,5%,1/10W,DA,TP,2012 | |
| RB02 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RB04 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| RB05 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RB06 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RB09 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RB18 | 2007-000642 | R-CHIP | 270OHM,5%,1/10W,DA,TP,2012 | |
| RB26 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| RB31 | 2007-000415 | R-CHIP | 15OHM,5%,1/10W,DA,TP,2012 | |
| RG01 | 2007-001166 | R-CHIP | 75OHM,5%,1/10W,DA,TP,2012 | |
| RG02 | 2007-001133 | R-CHIP | 68OHM,5%,1/10W,DA,TP,2012 | |
| RG04 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| RG05 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RG06 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RG09 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RG18 | 2007-000642 | R-CHIP | 270OHM,5%,1/10W,DA,TP,2012 | |
| RG26 | 2007-000766 | R-CHIP | 330OHM,5%,1/10W,DA,TP,2012 | |
| RG31 | 2007-000415 | R-CHIP | 15OHM,5%,1/10W,DA,TP,2012 | |
| RR01 | 2007-001166 | R-CHIP | 75OHM,5%,1/10W,DA,TP,2012 | |
| RR02 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RR04 | 2007-001071 | R-CHIP | 6.8KOHM,5%,1/10W,DA,TP,2012 | |
| RR05 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RR06 | 2007-000593 | R-CHIP | 22OHM,5%,1/10W,DA,TP,2012 | |
| RR09 | 2007-000931 | R-CHIP | 470OHM,5%,1/10W,DA,TP,2012 | |
| RR31 | 2007-000415 | R-CHIP | 15OHM,5%,1/10W,DA,TP,2012 | |
| BD101 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD102 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD103 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD105 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD106 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD152 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD155 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD181 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD182 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| C101 | 2401-003224 | C-AL | 470uF,20%,16V,WT,TP,8X11.5,5mm | |
| C104 | 2401-003224 | C-AL | 470uF,20%,16V,WT,TP,8X11.5,5mm | |
| C108 | 2401-003224 | C-AL | 470uF,20%,16V,WT,TP,8X11.5,5mm | |
| C110 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C111 | 2202-000319 | C-CERAMIC,MLC-RADIAL | 100nF,10%,100V,X7R,TP,5.1x3.2x | |
| C112 | 2401-000393 | C-AL | 10uF,20%,100V,WT,TP,8x11.5,5 | |
| C113 | 2401-000401 | C-AL | 10uF,20%,160V,WT,TP,10x20mm,5m | |
| C114 | 2401-000401 | C-AL | 10uF,20%,160V,WT,TP,10x20mm,5m | |
| C115 | 2202-002148 | C-CERAMIC,MLC-RADIAL | 0.68NF,2%,50V,NP0,TP,5.1X3.2X6.4MM,5 | |
| C116 | 2401-001281 | C-AL | 4.7uF,20%,50V,WT,TP,5x11,5 | |
| C117 | 2401-000814 | C-AL | 220uF,20%,16V,WT,TP,10x12.5,5 | |
| C124 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C125 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C126 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C153 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C155 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C156 | 2401-000010 | C-AL | 220uF,20%,16V,GP,-,6.3x11mm,2. | |
| C157 | 2401-000603 | C-AL | 1uF,20%,50V,GP,TP,5x11,5 | |
| C167 | 2401-002075 | C-AL | 4.7uF,20%,50V,GP,TP,5x11,5 | |
| C180 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C181 | 2201-000288 | C-CERAMIC,DISC | 1nF,10%,2kV,Y5P,TP,9x5,10 | |
| C183 | 2201-000530 | C-CERAMIC,DISC | 4.7nF,10%,500V,Y5P,TP,12.5x4,5 | |
| CB14 | 2401-003704 | C-AL | 1UF,°æ20%,100V,WT,TP,5X11MM,5 | |
| CB16 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| CB20 | 2401-000436 | C-AL | 10uF,20%,25V,BP,TP,5x11mm,5mm | |
| CG02 | 2401-001515 | C-AL | 47uF,20%,16V,WT,TP,6.3x11,5 | |
| CG14 | 2401-003704 | C-AL | 1UF,°æ20%,100V,WT,TP,5X11MM,5 | |
| CG16 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| CG20 | 2401-000436 | C-AL | 10uF,20%,25V,BP,TP,5x11mm,5mm | |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CIS | 0203-001201 | TAPE-PAPER | #FB-300,T0.16,W6,L2000M,R/BLU | SNA |
| CN12 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN13 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CN14 | BH71-40300A | PIN-HINGE | -,BRASS,D2.36,SN,HEAT/SINK | SNA |
| CR02 | 2401-001515 | C-AL | 47uF,20%,16V,WT,TP,6.3x11,5 | |
| CR14 | 2401-003704 | C-AL | 1UF,°æ20%,100V,WT,TP,5X11MM,5 | |
| CR16 | 2301-000010 | C-FILM,PEF | 100nF,5%,100V,TP,11.5x12.5mm,5 | |
| CR20 | 2401-000436 | C-AL | 10uF,20%,25V,BP,TP,5x11mm,5mm | |
| D105 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| DB03 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DB04 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DG03 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DG04 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DR03 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| DR04 | 0401-000004 | DIODE-SWITCHING | 1SS244,250V,625mA,DO-34,TP | |
| EY1 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY2 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY3 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY5 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY7 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| EY8 | 6042-000002 | EYELET | ID1.5,OD2,L3.1,SN,BSS3-E/EH | SNA |
| IC104 | BH13-00022A | IC-BIAS CLAMP | LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST | |
| JP102 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP105 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP124 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP133 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP134 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP135 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP136 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP137 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP138 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP139 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP140 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP141 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP142 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP143 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP144 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP145 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| JP146 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP147 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP148 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP149 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP173 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP182 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP188 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP200 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP218 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP220 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP222 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP223 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP224 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP225 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP226 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP228 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP230 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP235 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP238 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP242 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP247 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP252 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP254 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP263 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP265 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP277 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP283 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP291 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP298 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP305 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP306 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP309 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP310 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP312 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP313 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP314 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP317 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP318 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP321 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP326 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP329 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP330 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP331 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP332 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP333 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP336 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP339 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP341 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP343 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP345 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP347 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP348 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| L101 | 2701-000125 | INDUCTOR-AXIAL | 150uH,10%,3x7mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| L102 | 2701-000125 | INDUCTOR-AXIAL | 150uH,10%,3x7mm | |
| L107 | 2701-000187 | INDUCTOR-AXIAL | 4.7uH,10%,4.2x9.8mm | |
| LB03 | 2701-001092 | INDUCTOR-AXIAL | 70NH,10%,2.3X6MM | |
| LG03 | 2701-001092 | INDUCTOR-AXIAL | 70NH,10%,2.3X6MM | |
| LR03 | 2701-001092 | INDUCTOR-AXIAL | 70NH,10%,2.3X6MM | |
| MP1.0 | BH41-00167A | PCB VIDEO | AQ19FS, FR1,115*165*1.6T,1.0,1.6T,115*165*1.6T,AQUILA,-,-,- | SNA |
| Q101 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q102 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q103 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q104 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| Q105 | 0501-002228 | TR-SMALL SIGNAL | KTA1281,PNP,1000mW,TO-92L,TP,120-240 | |
| Q106 | 0501-000586 | TR-SMALL SIGNAL | KSC945,NPN,250mW,TO-92,TP,120-240 | |
| Q107 | 0501-000122 | TR-SMALL SIGNAL | 2N3904,NPN,625mW,TO-92,TP,100-300 | |
| QB51 | 0501-000581 | TR-SMALL SIGNAL | 2N3906,PNP,625mW,TO-92,TP,100-300 | |
| QG51 | 0501-000581 | TR-SMALL SIGNAL | 2N3906,PNP,625mW,TO-92,TP,100-300 | |
| QR51 | 0501-000581 | TR-SMALL SIGNAL | 2N3906,PNP,625mW,TO-92,TP,100-300 | |
| R110 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R156 | 2001-000429 | R-CARBON | 1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R179 | 2001-000780 | R-CARBON | 470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R181 | 2001-001107 | R-CARBON(S) | 220ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R186 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R187 | 2002-000312 | R-COMPOSITION | 22Mohm,5%,1/4W,AA,TP,2.3x6.4mm | |
| R192 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB16 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| RB17 | 2001-000020 | R-CARBON(S) | 22OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| RG16 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| RG17 | 2001-000020 | R-CARBON(S) | 22OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| RR16 | 2001-000546 | R-CARBON | 270KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| RR17 | 2001-000020 | R-CARBON(S) | 22OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| SK101 | 4715-000102 | SURGE ABSORBER | 200V,20%,1000A,-,RADIAL | SNA |
| SK102 | 4715-000102 | SURGE ABSORBER | 200V,20%,1000A,-,RADIAL | SNA |
| SK103 | 4715-000102 | SURGE ABSORBER | 200V,20%,1000A,-,RADIAL | SNA |
| SK104 | 4715-000106 | SURGE ABSORBER | 300V,210-390V,-,-,AXIAL | SNA |
| SK108 | 4715-001055 | SURGE ABSORBER | 1kV,+50-10%,-,-,RADIAL | SNA |
| ZD101 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| ZD102 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |
| | | | | |
| HS2 | BH99-00008F | ASSY HEAT/SINK | HS VIDEO,SCREW+NUT,LM2412,-,-,- | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 6006-001008 | SCREW-ASS'Y MACH | WSP,BH,+,M3,L10,ZPC(YEL),SWRCH | SNA |
| CIS | 6021-000118 | NUT-HEXAGON | 1C,M3,ZPC(YEL),SM20C | SNA |
| CIS | BH13-00024A | IC HYBRID | LM2412T,AQ19FS,11P,-20TO+100C,TO-220-11L,26MA,90V,ST | |
| CIS | BH62-00012A | HEAT SINK-VIDEO | A1050S,T2.0,-,PEGSUS | SNA |

## 7-3 BNC PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | BH39-00094A | CBF-HARNESS | 6P/7P,150MM,RED/GRN/BLU,UL1354,AWG28,SMH200-06/SMH200-07 | |
| CIS | BH71-00020A | SHIELD-BNC(REAR) | PG17HS,SPTE,T0.2,-,- | SNA |
| CIS | BH75-00337A | UNIT-BRKT/BNC | AQ19FS,-,SPTE T0.5,-,-,-,- | SNA |
| CN103 | 3710-001523 | CONNECTOR-SOCKET | 16P,1R,2.54MM,ANGLE,AUF | SNA |
| CN104 | 3711-004068 | CONNECTOR-HEADER | BOX,5P,1R,2mm,ANGLE,SN | SNA |
| CN105 | 3711-004350 | CONNECTOR-HEADER | BOX,7P,1R,2MM,ANGLE,SN | SNA |
| IC1 | 1001-001163 | IC-ANALOG SWITCH | S1D2507B02,ANALOG SWITCH,SDIP,24P,300MIL,SINGLE,7V,-25to+75C,PLACTIC,0.42W,-,-,- | |
| UPSTREAM | 3722-001519 | JACK-USB | 4P/2C,-,AU30U,NTR,- | |
| BD150 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| BD151 | 3301-000011 | CORE-FERRITE BEAD | AA,3.5x1.0x5.7mm,1500,2375G | SNA |
| C132 | 2201-000573 | C-CERAMIC,DISC | 0.047nF,5%,50V,NP0,TP,5x3.5,5 | |
| C133 | 2201-000573 | C-CERAMIC,DISC | 0.047nF,5%,50V,NP0,TP,5x3.5,5 | |
| C151 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C152 | 2201-000573 | C-CERAMIC,DISC | 0.047nF,5%,50V,NP0,TP,5x3.5,5 | |
| C159 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| C160 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C95 | 2201-000573 | C-CERAMIC,DISC | 0.047nF,5%,50V,NP0,TP,5x3.5,5 | |
| C96 | 2305-000665 | C-FILM,MPEF | 100nF,5%,63V,TP,7.5x4.0x5.0mm, | |
| C97 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C98 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CB51 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CB52 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CB53 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| CG51 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CG52 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CG53 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CR51 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CR52 | 2401-000443 | C-AL | 10uF,20%,25V,GP,TP,5x5mm,2mm | |
| CR53 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| DB51 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DB52 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DB53 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DB54 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG51 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG52 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG53 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DG54 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR51 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR52 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR53 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| DR54 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| EY101 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY102 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY103 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY104 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |
| EY105 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,SN,BSS3-E/EH | SNA |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| IC3 | 0801-000337 | IC-CMOS LOGIC | 74HCT14,SCHIMITT INVERTER,DIP, | |
| JP107 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP108 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP109 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP110 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP111 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP112 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP115 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP117 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP118 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP119 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP120 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP121 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP122 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP123 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP125 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP126 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP127 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP128 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP131 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP132 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP160 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP161 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP162 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP163 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP164 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP165 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP166 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP168 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP170 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP171 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| MP1.0 | BH41-00168A | PCB SUB | AQ19FS, FR1,115*80,1.0,1.6T,115*80*1.6T,AQUILA,-,-,- | SNA |
| QB52 | 0501-000621 | TR-SMALL SIGNAL | 2N5770,NPN,450mW,TO-92,TP,- | |
| QG52 | 0501-000621 | TR-SMALL SIGNAL | 2N5770,NPN,450mW,TO-92,TP,- | |
| QR52 | 0501-000621 | TR-SMALL SIGNAL | 2N5770,NPN,450mW,TO-92,TP,- | |
| R100 | 2001-000515 | R-CARBON | 220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R137 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| R154 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R155 | 2001-000008 | R-CARBON | 15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R159 | 2001-000666 | R-CARBON | 33OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R160 | 2001-000666 | R-CARBON | 33OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R95 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R96 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R97 | 2001-000281 | R-CARBON | 100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R98 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R99 | 2001-000666 | R-CARBON | 33OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB51 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB52 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB53 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB54 | 2001-000666 | R-CARBON | 33OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RB55 | 2001-000527 | R-CARBON | 22OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RG51 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RG52 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| RG53 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RG54 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RG55 | 2001-000527 | R-CARBON | 22OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RR51 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RR52 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RR53 | 2001-000969 | R-CARBON | 75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RR54 | 2001-000302 | R-CARBON | 10OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RR55 | 2001-000527 | R-CARBON | 22OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| ZD151 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD152 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD153 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD154 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD155 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD156 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD157 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD158 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD159 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD160 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |
| ZD161 | 0403-000361 | DIODE-ZENER | UZ6.2BSB,6.2V,5.99-6.24V,500mW | |

## 7-4 Purity Assy PCB Parts (AQ19NS)

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | 0202-001044 | SOLDER-WIRE. | "S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CN801 | 3711-003895 | CONNECTOR-HEADER | BOX,13P,1R,2mm,STRAIGHT,SN | SNA |
| CN802 | 3711-004386 | CONNECTOR-HEADER | BOX,3P,1R,2mm,ANGLE,SN | SNA |
| CN803 | 3711-000019 | CONNECTOR-HEADER | BOX,8P,1R,2.5mm,STRAIGHT,SN | SNA |
| CN807 | 3711-000024 | CONNECTOR-HEADER | BOX,3P,1R,2.5mm,STRAIGHT,SN | SNA |
| CN882 | 3711-004484 | CONNECTOR-HEADER | BOX,5P,1R,2mm,STRAIGHT,SN | SNA |
| IC801 | BH09-00035A | IC-MICOM | DM024 NFSUB_01,PG17/19NS,42P,4.5 to 5.5V,12.0MHz,-,32K,8BIT,8BIT,SDIP,ST,600,8BI | |
| IC801_SOCK | 3704-001071 | SOCKET-IC | 42P,DIP,SN,1.778mm | |
| IC803 | 1201-001199 | IC-POWER AMP | 6510,SIP,10P,150MIL,DUAL,-,PLA | |
| IC804 | 1201-001199 | IC-POWER AMP | 6510,SIP,10P,150MIL,DUAL,-,PLA | |
| P/U-PCB+B/CG | 6003-000010 | SCREW-TAPTITE | BWH,+,B,M3,L10,ZPC(YEL),SWRCH1 | SNA |
| PU/PCB | 6502-000001 | CABLE CLAMP | DAWH-5NB,D15,L35,NTR,NYLON66 | SNA |
| TH801 | 1404-001039 | THERMISTOR-NTC | 10Kohm,1%,3435K,2.1mW/C,BK | |
| C801 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C802 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C803 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C804 | 2401-001016 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,5 | |
| C809 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C811 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C812 | 2201-000389 | C-CERAMIC,DISC | 0.022nF,5%,50V,NP0,TP,5x3,5 | |
| C813 | 2201-000389 | C-CERAMIC,DISC | 0.022nF,5%,50V,NP0,TP,5x3,5 | |
| C814 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C815 | 2401-000042 | C-AL | 100uF,20%,16V,GP,TP,6.3x7,5 | |
| C816 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C818 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C819 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C820 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C821 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C822 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C823 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C824 | 2401-000698 | C-AL | 2200uF,20%,16V,WT,TP,12.5x25,5 | |
| C825 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C826 | 2202-002008 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,50V,Y5V,TP,2.3X3. | |
| C830 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C831 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C832 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C833 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C834 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C835 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C836 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C837 | 2401-001509 | C-AL | 47uF,20%,16V,GP,TP,5x7mm,5 | |
| C838 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C839 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C840 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C841 | 2401-003080 | C-AL | 3.3UF,20%,50V,BP,TP,5X11,2.5 | |
| C842 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C843 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C844 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |
| C845 | 2202-002009 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5V,TP,2.3X3 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| D801 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D803 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| D804 | 0401-000005 | DIODE-SWITCHING | 1N4148,100V,200mA,DO-35,TP | |
| IC805 | 1201-000420 | IC-OP AMP | 358,DIP,8P,300MIL,DUAL,100V/mV | |
| JP11 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP12 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP14 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP15 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP16 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP17 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP20 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP21 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP22 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP24 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP25 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP26 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP27 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP28 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP3 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP30 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP31 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP32 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP34 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP35 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP39 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| JP8 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| MP1.0 | BH41-00181A | PCB SUB-PURITY | AQ19NS_PURITY,FR1,1,-,1.6T,120*80,AQ19NS,6,PURITY SUB,- | |
| Q801 | 0501-000321 | TR-SMALL SIGNAL | KSB1116-Y,PNP,750mW,TO-92,TP,135-270 | |
| Q802 | 0501-000404 | TR-SMALL SIGNAL | KSD1616-Y,NPN,750mW,TO-92,TP,135-270 | |
| R801 | 2004-001329 | R-METAL | 9.1Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R802 | 2004-000698 | R-METAL | 3.3Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R803 | 2001-000947 | R-CARBON | 7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R804 | 2001-000411 | R-CARBON | 18KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R805 | 2003-000777 | R-METAL OXIDE(S) | 68ohm,5%,2W,AA,TP,4x12mm | |
| R806 | 2003-000777 | R-METAL OXIDE(S) | 68ohm,5%,2W,AA,TP,4x12mm | |
| R807 | 2001-000211 | R-CARBON | 1OHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| R811 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R812 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R813 | 2001-000744 | R-CARBON | 4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R814 | 2001-000522 | R-CARBON | 22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R815 | 2003-000587 | R-METAL OXIDE(S) | 22ohm,5%,1W,AA,TP,3.3x9mm | |
| R816 | 2001-000744 | R-CARBON | 4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R817 | 2001-000522 | R-CARBON | 22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R818 | 2003-000587 | R-METAL OXIDE(S) | 22ohm,5%,1W,AA,TP,3.3x9mm | |
| R819 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R820 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R821 | 2001-000744 | R-CARBON | 4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R822 | 2001-000522 | R-CARBON | 22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R823 | 2003-000587 | R-METAL OXIDE(S) | 22ohm,5%,1W,AA,TP,3.3x9mm | |
| R824 | 2001-000744 | R-CARBON | 4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R825 | 2001-000522 | R-CARBON | 22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R826 | 2003-000587 | R-METAL OXIDE(S) | 22ohm,5%,1W,AA,TP,3.3x9mm | |
| R827 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R828 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R829 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R831 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R832 | 2004-000441 | R-METAL | 1Mohm,1%,1/8W,AA,TP,1.8x3.2mm | |
| R833 | 2004-000193 | R-METAL | 100Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R834 | 2004-000216 | R-METAL | 10Kohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R835 | 2001-000869 | R-CARBON | 56OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R837 | 2004-000193 | R-METAL | 100Kohm,1%,1/4W,AA,TP,2.4x6.4m | |
| R838 | 2001-000864 | R-CARBON | 56KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R841 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R842 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R843 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R844 | 2001-000734 | R-CARBON | 4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R846 | 2001-000244 | R-CARBON | 1.5MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R847 | 2001-000273 | R-CARBON | 100KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R849 | 2001-000244 | R-CARBON | 1.5MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R850 | 2001-000290 | R-CARBON | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R851 | 2001-000047 | R-CARBON | 2.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM | |
| X801 | 2801-000006 | CRYSTAL-UNIT | 12MHz,50ppm,28-AAM,S,35ohm,BK | |
| ZD801 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.6V,5.45-5.73V,500mW | |

## 7-5 Sensor PCB Parts (AQ19NS)

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C881 | 2401-001548 | C-AL | "47uF,20%,25V,WT,TP,5x11,5" | |
| C882 | 2202-000654 | C-CERAMIC,MLC-RADIAL | 100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5 | |
| C883 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| C884 | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001172 | SOLDER-WIRE FLUX | RS-107,RS60,D1.2,SN60/PB40,- | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | 0205-001027 | OIL-SILICON | G746,-,- | SNA |
| CIS | 6045-001010 | SPACER-ROUND | ID4.0,OD5.8,T2.0,NTR,NYLON6/6,L30.8 | SNA |
| CIS | 0203-001199 | TAPE-KRAFT | #53110,T0.1,W6,L2000M,BRN | SNA |
| CIS | 0203-001200 | TAPE-PAPER | #53128,T0.15,W5.5,L2000M,BEIGE | SNA |
| CN881 | 3711-000992 | CONNECTOR-HEADER | BOX,5P,1R,2.50mm,ANGLE,SN | SNA |
| IC881 | BH32-00002A | SENSOR MAG | -,AQUILA,-,-10TO+70C,-,15V,-,12V,- | |
| JP11 | BH39-40305U | CBF HARNESS | 52MM,AWG22(0.6PI),-,-,AWG22(0. | |
| MP1.0 | BH41-00182A | PCB SUB-SENSOR | AQ19NS,SILVER,-,-,1.6T,247*247,-,9,-,- | |
| R881 | 2001-000019 | R-CARBON(S) | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R882 | 2004-000970 | R-METAL | 470ohm,1%,1/4W,AA,TP,2.4x6.4mm | |
| R883 | 2004-000970 | R-METAL | 470ohm,1%,1/4W,AA,TP,2.4x6.4mm | |

## 7-6 USB Assy PCB Parts (AQ17IS)

| NO | | DESCRIPTION | CODE NO | SPECIFICATIONS | Q`TY | LOCATION | VENDOR |
|---|---|---|---|---|---|---|---|
| 1 | | USB PCB ASS`Y | BH59-00238A | | 1 | | SEONG JI |
| | 1 | P.C.B | BH41-00187A | FR1,1.6T,247*247 mm | 1 | | DAE DUCK |
| | 2 | ZENER-DIODE | 0403-000361 | UZ, 6.2 BSB, 6.2V | 3 | ZD157ZD158,ZD159 | PYUNG CHANG SUNGHO,RHOM |
| | 3 | C-CERAMIC | 2202-000654 | 100nF,10%,50V,X7R | 1 | C167 | SEM,SAMHWA |
| | 4 | USB JACK | 3722-001519 | B` TYPE ,4PIN,STRAIGHT | 1 | UPSTERAM | ACON,LEOCO |
| | 5 | CONNECTOR | 3711-004068 | SMAW200-05(ANGLE) | 1 | CN102 | YEONHO |
| 2 | | BRAKET | BH71-00149A | SECC-C,T1.0 | 2 | | EUNHA |
| 3 | | SCREW TAPTITE | 6003-000010 | BWH M3 L10 | 2 | | EUN SUNG |

## 7-7 AQ17** Main Different Part List

| AQ17IS | | | AQ17HS | | AQ17NS | |
|---|---|---|---|---|---|---|
| LOC | code | spec | code | spec | code | spec |
| C305 | 2301-000148 | 10nF,5%,100V | 2301-000014 | C-FILM,PEF,6.8nF,5%,100V,TP | 2301-000013 | 4.7nF,5%,100V |
| C411 | 2301-001259 | C-FILM,MPPF,100nF,5%,400V | 2306-000127 | C-FILM,MPPF,120nF,5%,400V,TP | 2301-001259 | C-FILM,MPPF,100nF,5%,400V |
| C413 | 2301-001259 | C-FILM,MPPF,100nF,5%,400V | 2306-000127 | C-FILM,MPPF,120nF,5%,400V,TP | 2301-001259 | C-FILM,MPPF,100nF,5%,400V |
| C414 | 2306-000137 | C-FILM,MPPF,180nF,5%,250V,TP | 2306-000179 | C-FILM,MPPF,300nF,5%,250V,TP | 2306-000137 | C-FILM,MPPF,180nF,5%,250V,TP |
| C415 | 2301-001194 | C-FILM,MPPF,470nF,5%,250V,TP | 2306-000234 | C-FILM,MPPF,560nF,5%,250V,BK | 2301-001194 | C-FILM,MPPF,470nF,5%,250V,TP |
| C451 | 2401-002299 | 4.7uF,20%,50V | 2401-002299 | 4.7uF,20%,50V | 2401-001625 | 6.8uF,20%,50V |
| C457 | 2201-000602 | 0.56nF,5%,50V | 2201-000602 | 0.56nF,5%,50V | 2202-000470 | 330pF,5%,100V,NPO |
| C701 | 2301-001314 | 470NF,10%,275V | 2301-001314 | 470NF,10%,275V | 2305-001049 | 1000nF,10%,275V |
| CN201_ASSY | BH39-00060A | 15P/15P,180MM ,SMH200-15 | BH39-00060A | 15P/15P,180MM ,SMH200-15 | BH39-00110A | 15P,200MM,SMH200-15 |
| CN409 | 3711-000197 | 1WALL,3P,1R,2.5mm,STRAIGHT,SN | 3711-000197 | 1WALL,3P,1R,2.5mm,STRAIGHT,SN | 3711-000795 | BOX,2P,1R,2.5mm,STRAIGHT,SN |
| D601 | 0402-001227 | D3SBA60,600V,2.3A,SIP-4,BK | 0402-001227 | D3SBA60,600V,2.3A,SIP-4,BK | 0402-001160 | D5SB60,600V,6A,SIP-4,- |
| EY599 | BH39-00232A | ,1P,290MM,RED,AWG22,YHF800-1 | BH39-00232A | 1P,290MM,RED,AWG22,YHF800-1 | BH39-00195A | 1P,360MM,RED,AWG22,YFH800-01 |
| HS301 | BH99-00043A | HS V.IC,SCREW+NUT,KA2142 | BH99-00043A | HS V.IC,SCREW+NUT,KA2142 | BH99-00002G | H/S V.IC,SCREW+NUT,KA2142 |
| L402 | BH27-20345J | 3.5mH, OB6*30-1HHA,BULK | BH27-20345J | 3.5mH, OB6*30-1HHA,BULK | BH27-00079A | CH-0630E,2.7mH,10%,06*30(L-81) |
| OP1(OP201-NF) | 0601-001147 | ROUND,GRN,4.75mm,565nm | 0601-001147 | ROUND,GRN,4.75mm,565nm | 0601-001147 | ROUND,GRN,4.75mm,565nm |
| POS601 | 1404-000002 | 9ohm,20%,-,-,TR,RECT,- | 1404-000002 | 9ohm,20%,-,-,TR,RECT,- | 1404-000135 | 10ohm,20%,-,290V,30A,-,- |
| R238 | 2001-000734 | 4.7KOHM,5%,1/8W | 2001-000734 | 4.7KOHM,5%,1/8W | 2001-000051 | 2.7Kohm,5%,1/8W |
| R302 | 2004-000001 | 6.2Kohm,1%,1/4W | 2004-001136 | R-METAL,6.8Kohm,1%,1/4W | 2004-001211 | 7.5Kohm,1%,1/4W |
| R311 | 2001-000449 | 2.2KOHM,5%,1/8W | 2001-000429 | R-CARBON,1KOHM,5%,1/8W | 2001-000429 | 1KOHM,5%,1/8W |
| R314 | 2004-000679 | 2Kohm,1%,1/4W | 2004-000458 | R-METAL,2.2Kohm,1%,1/4W | 2004-000481 | 2.4Kohm,1%,1/4W |
| R315 | 2004-000334 | 150ohm,1%,1/4W | 2004-000268 | R-METAL,120ohm,1%,1/4W | 2004-000268 | 120ohm,1%,1/4W |
| R596 | BH39-40305U | 52MM,AWG22(0.6PI) | BH39-40305U | 52MM,AWG22(0.6PI) | 2001-000107 | 150kOHM,5%,1/2W(s) |
| R598 | 2001-000114 | 180KOHM,5%,1/2W | 2001-000114 | 180KOHM,5%,1/2W | 2001-000042 | 1KOHM,5%,1/4W |
| R599 | 2001-001106 | 220KOHM,5%,1/2W | 2001-001106 | 220KOHM,5%,1/2W | 2001-000642 | R-CARBON;330KOHM,5%,1/2W |
| JP690 | BH39-40305U | 52MM,AWG22(0.6PI) | BH39-40305U | 52MM,AWG22(0.6PI) | - | - |
| JP691 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP221 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP332 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP538 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP539 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP540 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP541 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP551 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP552 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP557 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP558 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP559 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP560 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP561 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP562 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP575 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP584 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP669 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP670 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP671 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP672 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP673 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP674 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| CIS- | - | - | - | - | BH39-00335A | PG17NF,UL1007#26,UL/CSA,6P/4P*2P,360MM |
| CIS- | - | - | - | - | BH39-00338A | PG19NF,UL1015#18,UL/CSA,10P/4P,400MM |

## 7-8 AQ19** Main Different Part List

| AQ19MS | | | AQ19IS | | AQ19NS | |
|---|---|---|---|---|---|---|
| LOC | code | spec | code | spec | code | spec |
| C305 | 2301-000013 | 4.7nF,5%,100V,TP,10.5x12.5x6.5 | 2301-000312 | C-FILM,PEF,8.2nF,5%,100V,TP | 2301-000013 | 4.7nF,5%,100V |
| C207 | - | - | - | - | 2202-002009 | 100nF,+80-20%,50V,Y5 |
| C272 | - | - | - | - | 2202-002008 | 10nF,+80-20%,50V,Y5V,TP,2.3X3. |
| C273 | - | - | - | - | 2401-000025 | 100uF,20%,16V |
| C408 | 2303-001022 | 2NF 2.5K | 2303-001022 | 2NF 2.5K | 2303-001023 | 2.2NF 2.5KV |
| C409 | 2303-001022 | 2NF 2.5K | 2303-001022 | 2NF 2.5K | 2303-000007 | 2.7NF 2.5KV |
| C411 | 2306-000127 | 120nF,5%,400V,TP,21.5x17mm,5mm | 2301-001259 | C-FILM,MPPF;100nF,5%,400V | 2306-000127 | 120nF,5%,400V,TP,21.5x17mm,5mm |
| C413 | 2306-000127 | 120nF,5%,400V,TP,21.5x17mm,5mm | 2301-001259 | C-FILM,MPPF;100nF,5%,400V | 2301-001259 | C-FILM,MPPF;100nF,5%,400V |
| C415 | 2301-001194 | 470nF,5%,250V,BK,26x18.5x10,20 | 2301-001194 | 470nF,5%,250V,BK,26x18.5x10,20 | 2306-000249 | 680nF,5%,250V |
| C416 | 2306-000147 | 1uF,5%,250V,BK,26x24x15,22.5mm | 2306-000147 | 1uF,5%,250V,BK,26x24x15,22.5mm | 2306-000293 | 1.2uF,5%,250V,BK,26.5x19mm,27. |
| C417 | 2306-000125 | C-FILM,MPPF;120nF,5%,250V | 2306-000125 | C-FILM,MPPF;120nF,5%,250V | 2306-000137 | 180nF,5%,250V,TP,19x16.5x8,7.5 |
| C451 | 2401-002299 | 4.7uF,20%,50V | 2401-002299 | 4.7uF,20%,50V | 2401-001625 | 6.8uF,20%,50V |
| C457 | 2201-000602 | C-CERAMIC,DISC;0.56nF 50V | | | 2202-000470 | C-CERAMIC,MLC-RADIAL;330pF,100V |
| C701 | 2301-001314 | 470NF,10%,275V | 2301-001314 | 470NF,10%,275V | 2305-001049 | 1000nF,10%,275V |
| CIS- | - | - | - | - | BH39-00335A | PG17NF,UL1007#26,6P/4P*2P,360MM |
| CIS- | - | - | - | - | BH39-00340A | PG19NF,UL1015#18,10P/4P,400MM |
| CN201_ASSY | BH39-00060A | 15P/15P,180MM ,SMH200-15 | BH39-00060A | 15P/15P,180MM ,SMH200-15 | BH39-00292A | 15P/15P,230MM |
| CN206 | - | - | - | - | 3711-003895 | BOX,13P,1R,2mm,STRAIGHT,SN |
| CN207 | - | - | - | - | 3711-004349 | BOX,3P,1R,2mm,STRAIGHT,SN |
| CN409 | 3711-000885 | 3WALL,3P,1R,2.5mm,STRAIGHT,SN | 3711-000885 | 3WALL,3P,1R,2.5mm,STRAIGHT,SN | 3711-000795 | BOX,2P,1R,2.5mm,STRAIGHT,SN |
| D402 | 0402-001441 | SB340 | 0402-001441 | SB340 | 0402-000016 | SB540,40V,5A,DO-201AD,BK |
| D456 | 0402-000454 | RG10 | 0402-000454 | RG10 | 0402-001294 | UF5404L-5709,400V,3A,DO- |
| D601 | 0402-001227 | D3SBA60,600V,2.3A,SIP-4,BK | 0402-001227 | D3SBA60,600V,2.3A,SIP-4,BK | 0402-001160 | D5SB60,600V,6A,SIP-4,- |
| EY599 | BH39-00232A | ,1P,290MM,RED,AWG22,YHF800-1 | BH39-00232A | ,1P,290MM,RED,AWG22,YHF800-1 | BH39-00195A | 1P,360MM,RED,AWG22,YFH800-01 |
| HS409 | BH99-00030B | HS TR,SCREW+NUT,SKS10N20(4), | BH99-00030B | HS TR,SCREW+NUT,SKS10N20(4), | BH99-00030D | HS TR,SKS10N20(2),19N20(2) |
| HS504 | BH99-00013D | HS,SPRING,2SK2761 | BH99-00013D | HS,SPRING,2SK2761, | BH99-00013A | HS,SPRING,2SK2761 |
| JP221 | - | - | - | - | BH39-40305U | JUMPER |
| JP332 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP538 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP538 | - | - | - | - | BH39-40305U | JUMPER |
| JP539 | - | - | - | - | BH39-40305U | JUMPER |
| JP540 | - | - | - | - | BH39-40305U | JUMPER |
| JP541 | - | - | - | - | BH39-40305U | JUMPER |
| JP551 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP552 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP553 | - | - | - | - | BH39-40305U | JUMPER |
| JP554 | - | - | - | - | BH39-40305U | JUMPER |
| JP557 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP558 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP559 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP560 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP561 | - | - | - | - | BH39-40305U | JUMPER |
| JP562 | - | - | - | - | BH39-40305U | JUMPER |
| JP575 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP580 | - | - | - | - | BH39-40305U | JUMPER |
| JP584 | - | - | - | - | BH39-40305U | JUMPER |
| JP594 | - | - | - | - | BH39-40305U | JUMPER |
| JP661 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI),-,-,AWG22(0. |
| JP669 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP670 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |

| AQ19MS | | | AQ19IS | | AQ19NS | |
|---|---|---|---|---|---|---|
| LOC | code | spec | code | spec | code | spec |
| JP671 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP672 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP673 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP674 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP690 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| JP691 | - | - | - | - | BH39-40305U | 52MM,AWG22(0.6PI) |
| L402 | BH27-20345J | 3.5mH, OB6*30-1HHA,BULK | BH27-20345J | 3.5mH, OB6*30-1HHA,BULK | BH27-00079A | CH-0630E,2.7mH,10%,06*30(L-81) |
| L403 | BH26-00001A | 5.0UH/47.5MH,YL-81,DR1420,C:6.0 | BH26-00001A | 5.0UH/47.5MH,YL-81,DR1420,C:6.0 | BH26-30338W | 47.5MH/3.9UH,5P,DR1420 |
| OP1(OP201-NF) | 0601-001147 | ROUND,GRN,4.75mm,565nm | 0601-001147 | ROUND,GRN,4.75mm,565nm | 0601-001147 | ROUND,GRN,4.75mm,565nm |
| POS601 | 1404-000135 | 10ohm,20%,-,290V,30A | 1404-000135 | 10ohm,20%,-,290V,30A | 1404-001154 | 4.50HM,+30%/-20%,220V,270VAC,2 |
| Q252 | - | - | - | - | 0501-000586 | KSC945,NPN,250mW,TO-92 |
| Q253 | - | - | - | - | 0501-002228 | KTA1281,PNP,1000mW |
| Q254 | - | - | - | - | 0501-000586 | KSC,945-Y |
| R214 | - | - | - | - | 2001-000290 | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R218 | 2001-000613 | 3.9KOHM,5%,1/8W | 2001-000613 | 3.9KOHM,5%,1/8W | 2001-000449 | 2.2KOHM,5%,1/8W |
| R238 | 2001-000734 | 4.7KOHM,5%,1/8W | 2001-000734 | 4.7KOHM,5%,1/8W | 2001-000051 | 2.7Kohm,5%,1/8W |
| R273 | - | - | - | - | 2001-000290 | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R274 | - | - | - | - | 2001-000857 | 560OHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R275 | - | - | - | - | 2001-000290 | 10KOHM,5%,1/8W |
| R276 | - | - | - | - | 2001-000786 | 47KOHM,5%,1/8W |
| R277 | - | - | - | - | 2001-000449 | 2.2KOHM,5%,1/8W |
| R302 | 2004-001136 | 6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m | 2004-001136 | R-METAL,6.8Kohm,1%,1/4W | 2004-001211 | 7.5Kohm,1%,1/4W |
| R314 | 2004-000458 | 2.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | 2004-000458 | 2.2Kohm,1%,1/4W,AA,TP,2.4x6.4m | 2004-000481 | 2.4Kohm,1%,1/4W |
| R315 | 2004-000334 | R-METAL,150ohm,1%,1/4W | 2004-000268 | 120ohm,1%,1/4W | 2004-000268 | 120ohm,1%,1/4W |
| R400 | 2003-000724 | R-METAL OXIDE(S);5.6ohm,5%,3W | 2003-000724 | R-METAL OXIDE(S);5.6ohm,5%,3W | 2003-000007 | 82ohm,5%,3W,AA,TP,6x16mm |
| R401 | - | - | - | - | 2003-000007 | 82ohm,5%,3W,AA,TP,6x16mm |
| R405 | 2001-001163 | 560OHM,5%,1/2W,AA,TP | 2001-001163 | 560OHM,5%,1/2W,AA,TP | 2001-000037 | 330OHM,5%,1/2W,AA,TP |
| R409 | 2003-000423 | R-METAL OXIDE(S);1.2ohm,5%,3W | 2003-000423 | R-METAL OXIDE(S);1.2ohm,5%,3W | 2003-000547 | R-METAL OXIDE(S);1ohm,5%,3W |
| R457 | - | - | 2001-000290 | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 2001-000290 | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R459 | 2004-000616 | R-METAL;24Kohm,1%,1/4W | 2004-000657 | R-METAL;27Kohm,1%,1/4W | 2004-000657 | R-METAL;27Kohm,1%,1/4W |
| R520 | 2001-000084 | R-CARBON;100KOHM,1/4W | 2001-000962 | R-CARBON;75KOHM,1/4W | 2001-000962 | R-CARBON;75KOHM,1/4W |
| R522 | 2004-000515 | R-METAL;200Kohm,1%,1/4W | 2004-000515 | R-METAL;200Kohm,1%,1/4W | 2004-000327 | R-METAL;150Kohm,1%,1/4W |
| R596 | BH39-40305U | 52MM,AWG22(0.6PI) | BH39-40305U | 52MM,AWG22(0.6PI) | 2001-001131 | R-CARBON(S);33KOHM,5%,1/2W |
| R597 | 2002-001075 | R-COMPOSITION;30MOHM 1/2W | 2002-001073 | R-COMPOSITION;15MOHM 1/2W | 2002-001073 | R-COMPOSITION;15MOHM 1/2W |
| R598 | 2001-000114 | 180KOHM,5%,1/2W | 2001-000114 | 180KOHM,5%,1/2W | 2001-000042 | 1KOHM,5%,1/4W |
| R599 | 2001-001110 | 240KOHM,5%,1/2W,AA,TP | 2001-001106 | 220KOHM,5%,1/2W | 2001-000642 | R-CARBON;330KOHM,5%,1/2W |
| T401 | BH26-00094A | EI-2218,PN19,8P,2.5mH,-,-,78uH, | BH26-00094A | EI-2218,PN19,8P,2.5mH,-,-,78uH, | BH26-00041A | 2.7MH,8P,EI-2519,PL3, |
| T601 | BH26-00128A | ER-3942(18P),130UH,18P | BH26-00128A | ER-3942(18P),130UH,18P,AC90 ~240V | BH26-00132A | ER-0402(18P),AQ19NS |
| ZD287 | - | - | - | - | 0403-000509 | MTZJ5.6B,5.6V |

## 7-9 AQ17** Video Different Part List

| | AQ17IS | | AQ17HS | |
|---|---|---|---|---|
| LOC | code | spec | code | spec |
| C132 | - | - | 2401-000603 | 1uF,20%,50V,GP,TP,5x11,5 |
| C133 | - | - | 2401-000603 | 1uF,20%,50V,GP,TP,5x11,6 |
| C138 | - | - | 2401-000031 | 47uF,20%,16V,GP,TP,5x11,5 |
| CN103 | - | - | 3711-000058 | BOX,4P,1R,2.5mm,ANGLE,SN |
| IC106 | - | - | BH13-00009A | PG17/19,AN5452,SIP,12P,H/V CONVERGENCE |
| JP69 | - | - | BH39-40305U | 52MM,AWG22(0.6PI),-,-,AWG22(0. |
| R137 | - | - | 2007-000300 | 10KOHM,5%,1/10W,DA,TP,2012 |
| R138 | - | - | 2007-000300 | 10KOHM,5%,1/10W,DA,TP,2012 |
| R145 | - | - | 2001-000019 | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM |
| R146 | - | - | 2001-000019 | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM |
| R147 | - | - | 2003-000744 | 56ohm,5%,2W,AA,TP,4x12mm |
| R148 | - | - | 2003-000744 | 56ohm,5%,2W,AA,TP,4x12mm |
| SK105 | 3704-001142 | 10P,22.5PI,25.6PI,NI,- | - | - |
| SK106- | - | 3704-001158 | 10P,22.5PI,26.5PI,NI,- | |
| CIS(AQ17IS) | BH39-00084A | CBF HARNESS 100MM | - | - |

## 7-10 AQ19** Video Different Part List

| | AQ19MS/IS | | AQ19NS | |
|---|---|---|---|---|
| LOC | code | spec | code | spec |
| C168 | - | - | 2401-000603 | 1uF,20%,50V,GP,TP,5x11,5 |
| C169 | - | - | 2401-000603 | 1uF,20%,50V,GP,TP,5x11,6 |
| C185 | - | - | 2401-000031 | 47uF,20%,16V,GP,TP,5x11,5 |
| CN181 | - | - | 3711-000058 | BOX,4P,1R,2.5mm,ANGLE,SN |
| IC181 | - | - | BH13-00009A | PG17/19,AN5452,SIP,12P,H/V CONVERGENCE |
| JP208 | - | - | BH39-40305U | 52MM,AWG22(0.6PI),-,-,AWG22(0. |
| R168 | - | - | 2001-000290 | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R169 | - | - | 2001-000290 | 10KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R182 | - | - | 2001-000019 | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM |
| R183 | - | - | 2003-000744 | 56ohm,5%,2W,AA,TP,4x12mm |
| R184 | - | - | 2003-000744 | 56ohm,5%,2W,AA,TP,4x12mm |
| R185 | - | - | 2001-000019 | 10OHM,5%,1/2W,AA,TP,2.4X6.4MM |
| SK105 | 3704-001142 | 10P,22.5PI,25.6PI,NI,- | - | - |
| SK106- | - | 3704-001158 | 10P,22.5PI,26.5PI,NI,- | |
| CIS(AQ19MS) | BH39-00084A | CBF HARNESS 100MM | - | - |

## 7-11-1 BNC Different Part List

| LOC / ASSY | Apply to BNC BOARC | | Not Apply to BNC BOARC, Apply to USB ASY | PCB |
|---|---|---|---|---|
| BNC ASSY/USB ASSY | BH98-00257B<br>ASSY PCB/MISC-SN(BNC)<br>AQ17IS/HS | BH98-00252C<br>ASSY PCB/MISC-BNC<br>AQ19MS/IS | BH75-00365A<br>UNIT-BRKT USB<br>AQ17HS/IS,AQ19MS/IS | BNC/USB |
| | BH98-00270A<br>ASSY PCB/MISC-SN(BNC)<br>AQ17NS | BH98-00284A<br>ASSY PCB/MISC-BNC<br>AQ19NS | AQ17NS/AQ19NS | |
| R137 | BH39-40305U<br>52MM,AWG22(0.6PI)<br>AQ17IS/HS/NS | 2001-000429<br>1KOHM,5%,1/8W<br>AQ19MS/IS/NS | - | |
| CN203 | - | | 3711-003843<br>CONNECTOR-HEADER<br>BOX,8P,1R,2mm,STRAIGHT,SN | |
| CN101_ASSY | BH39-00094A<br>CBF-HARNESS<br>6P/7P,150MM,R/G/B | | - | MAIN PCB |
| CN202 | 3711-004351<br>CONNECTOR-HEADER<br>NOWALL,16P,2.54MM,ST | | - | |
| ZD280~ZD285 | - | | 0403-000361<br>DIODE-ZENER<br>UZ6.2BSB,6.2V,5. | |
| SIGNAL | BH39-00001A<br>SIGNAL;1830MM,15P/15P,IVORY | | BH39-00254A<br>CBF SIGNAL<br>PN19MT,15P/06P/08P,2990,1830MM | ACCESSORY/MAIN PCB |

## 7-11-2 BNC Different Part List

| | Apply to PFC | | Not Apply to PFC | |
|---|---|---|---|---|
| LOC | code | spec | code | spec |
| R701 | 2005-001170 | R-WIRE WOUND,NON;0.33ohm 1W | BH39-40305U | CBF HARNESS;52MM,AWG22 |
| D703 | 0402-001111 | DIODE-RECTIFIER;1N5397GP,600V | BH39-40305U | CBF HARNESS;52MM,AWG22 |
| C607 | 2401-003391 | C-AL,220uF,20%,450V,GP,BK AQ19NF | 2401-003483 | 270uF,20%,400V,GP,BK,25.4x45 |
| | | | 2401-001137 | 330uF,20%,400V,GP,BK,30x45mm |
| | | | 2401-003619 | 270uF,20%,450V,GP,BK,30x45mm |
| | | | 2401-003620 | 330uF,20%,450V,GP,BK,25.4x60 |
| BD652 | | 3301-000011 | CORE-FERRITE BEAD | - - |
| BD653 | | 3301-000011 | CORE-FERRITE BEAD | - - |
| C701 | 2301-001314 | C-FILM,MPPF;470NF,275V,BK | - | - |
| | 2305-001049 | 1000nF,10%,275V BK | - | - |
| C702 | 2305-001041 | C-FILM,MPEF;220nF,5%,63V | - | - |
| C703 | 2201-000602 | C-CERAMIC,DISC;0.56nF,5%,50V | - | - |
| C705 | 2301-000188 | C-FILM,PEF;1nF,5%,100V | - | - |
| C706 | 2202-002009 | C-CERAMIC,MLC-AXIAL;100nF | - | - |
| C708 | 2401-000970 | C-AL;22uF,20%,50V,WT | - | - |
| C710 | 2201-000019 | C-CERAMIC,DISC;10nF,500V | - | - |
| D702 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V | - | - |
| D704 | 0401-000005 | DIODE-SWITCHING;1N4148,100V | - | - |
| HSD701 | BH99-10019X | ASSYHEAT/SINK;GUR460 | - | - |
| | 0402-001191 | DIODE-RECT;MUR460,600V,4A | - | - |
| IC701 | 1203-002081 | IC-PWMCONTROLLER;33260 | - | - |
| L701 | BH27-00053A | COILCHOKE;TO-2012,195uH | - | - |
| R702 | 2001-001013 | R-CARBON;9.1KOHM,5%,1/4W | - | - |
| R703 | 2001-000302 | R-CARBON;10OHM,5%,1/8W | - | - |
| R705 | 2004-001863 | R-METAL;680Kohm,1%,1/4W | - | - |
| R706 | 2004-001863 | R-METAL;680Kohm,1%,1/4W | - | - |
| R711 | 2008-000125 | R-FUSIBLE;10ohm,5%,1/4W | - | - |
| R712 | 2001-000302 | R-CARBON;10OHM,5%,1/8W | - | - |
| R721 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W | - | - |
| R704 | 2004-001863 | R-METAL;680Kohm,1%,1/4W | - | - |
| HSQ701 | BH99-10047E | ASSYHEAT/SINK;2SK2761 | - | - |
| | 0505-001266 | FET;2SK2761-01MR,N,600V,10A, | - | - |
| T701 | BH27-00081A | COIL-PFC;EER-2828,135u | - | - |
| ZD705 | | 0403-000004 | DIODE-ZENER;UZ12BM,12V, | - - |
| ZD706 | | 0403-000538 | DIODE-ZENER;MTZ16C,16V | - - |
| JP295 | | BH39-40305U | CBF HARNESS;52MM | - - |
| EY703 | | BH39-40305U | CBF HARNESS;52MM | - - |
| EY704 | | BH39-40305U | CBF HARNESS;52MM | - - |
| EY705 | | 6042-000002 | EYELET;ID1.5,OD2, | - - |

## 7-12 PFC FET Different Part List

| | FUJI 2SK2761 | | Infineon SSP7N60 | |
|---|---|---|---|---|
| LOC | code | spec | code | spec |
| HSQ701 | BH99-10047E | ASSYHEAT/SINK;2SK2761 | BH99-10054C | ASSY HEAT/SINK |
| | 0505-001266 | FET;2SK2761-01MR,N,600V,10A, | 0505-001493 | SPP07N60S5,N,600V,7.3A, |
| D704 | 0401-000005 | DIODE-SWITCHING;1N4148,100V | - | - |
| R703 | 2001-000302 | R-CARBON;10OHM,5%,1/8W | 2001-000281 | R-CARBON;100OHM,5%,1/8W |

## 7-13 FBT Different Part List

| | SEMCO | | HITACHI | |
|---|---|---|---|---|
| LOC | code | spec | code | spec |
| R524 | 2004-001254 | R-METAL;8.2Kohm,1%,1/4W | 2004-001329 | R-METAL;9.1KOHM,1% 1/4W |

## 7-14 Destination OSD IC

| | FUJI 2SK2761 | |
|---|---|---|
| Destination | code | spec |
| EUROPE | 1204-001864 | S5D2509X09 |
| KOREA | 1204-001868 | S5D2509X08 |
| CHINA | 1204-001867 | S5D2509X07 |

## 7-15 AQ19NS Only ASSY

| | | |
|---|---|---|
| PURITY | BH98-00285A | ASSY PCB/MISC-PURITY |
| SENSOR | BH98-00286A | ASSY PCB/MISC-SENSOR |

## 7-16 S-Corretion Table

### AQ17HS

| Khz | S1 | S2 | S3 | S4 | S5 |
|---|---|---|---|---|---|
| ~110 | | | | | |
| ~99.9 | | | | | |
| ~94.9 | | | | | |
| ~91.9 | | | | | |
| ~84.9 | H | | | | |
| ~80.9 | H | | | | |
| ~77.9 | | H | | | |
| ~75.9 | H | H | | | |
| ~69.9 | H | H | | | |
| ~67.9 | H | H | | | |
| ~64.9 | | | | | H |
| ~60.9 | H | | | | H |
| ~58.9 | H | H | | | H |
| ~52.9 | | | | H | |
| ~48.9 | | | | H | H |
| ~45.9 | | H | | H | H |
| ~39.9 | H | H | H | | H |
| ~36.9 | | | H | H | H |
| ~34.9 | | | H | H | H |
| ~33 | H | H | H | H | H |

### AQ17IS

| Khz | S1 | S2 | S3 | S4 | S5 |
|---|---|---|---|---|---|
| ~110 | | | | | |
| ~99.9 | | | | | |
| ~94.9 | | | | | |
| ~91.9 | | | | | |
| ~84.9 | H | | | | |
| ~80.9 | H | | | | |
| ~77.9 | | H | | | |
| ~75.9 | | H | | | |
| ~69.9 | H | H | | | |
| ~67.9 | H | H | | | |
| ~64.9 | | H | | | H |
| ~60.9 | H | H | | | H |
| ~58.9 | H | | | H | |
| ~52.9 | | H | | H | |
| ~48.9 | | | | H | H |
| ~45.9 | | H | | H | H |
| ~39.9 | | | H | H | |
| ~36.9 | | | H | H | H |
| ~34.9 | | | H | H | H |
| ~33 | H | H | H | H | H |

### AQ17NS

| Khz | S1 | S2 | S3 | S4 | S5 |
|---|---|---|---|---|---|
| ~110 | | | | | |
| ~99.9 | | | | | |
| ~94.9 | | | | | |
| ~91.9 | | | | | |
| ~84.9 | H | | | | |
| ~80.9 | | H | | | |
| ~77.9 | | H | | | |
| ~75.9 | H | H | | | |
| ~69.9 | | | | | H |
| ~67.9 | | | | | H |
| ~64.9 | | H | | | H |
| ~60.9 | | H | | | H |
| ~58.9 | H | | | H | |
| ~52.9 | | H | | H | |
| ~48.9 | | | | H | H |
| ~45.9 | H | H | | H | H |
| ~39.9 | | | H | H | |
| ~36.9 | | | H | H | H |
| ~34.9 | | | H | H | H |
| ~33 | H | H | H | H | H |

### AQ19MS

| Khz | S1 | S2 | S3 | S4 | S5 |
|---|---|---|---|---|---|
| ~110 | | | | | |
| ~99.9 | | | | | |
| ~94.9 | | | | | |
| ~91.9 | | | | | |
| ~84.9 | | | | | H |
| ~80.9 | | | | | H |
| ~77.9 | | | | H | |
| ~71.9 | | | | H | H |
| ~69.9 | | | | H | H |
| ~67.9 | | | | H | H |
| ~64.9 | | | H | | H |
| ~60.9 | | | H | H | H |
| ~58.9 | | H | | | H |
| ~52.9 | | H | | H | |
| ~48.9 | | H | H | | |
| ~45.9 | | H | H | H | |
| ~39.9 | H | | H | H | H |
| ~36.9 | H | H | H | | |
| ~34.9 | H | H | H | | |
| ~33 | H | H | H | H | H |

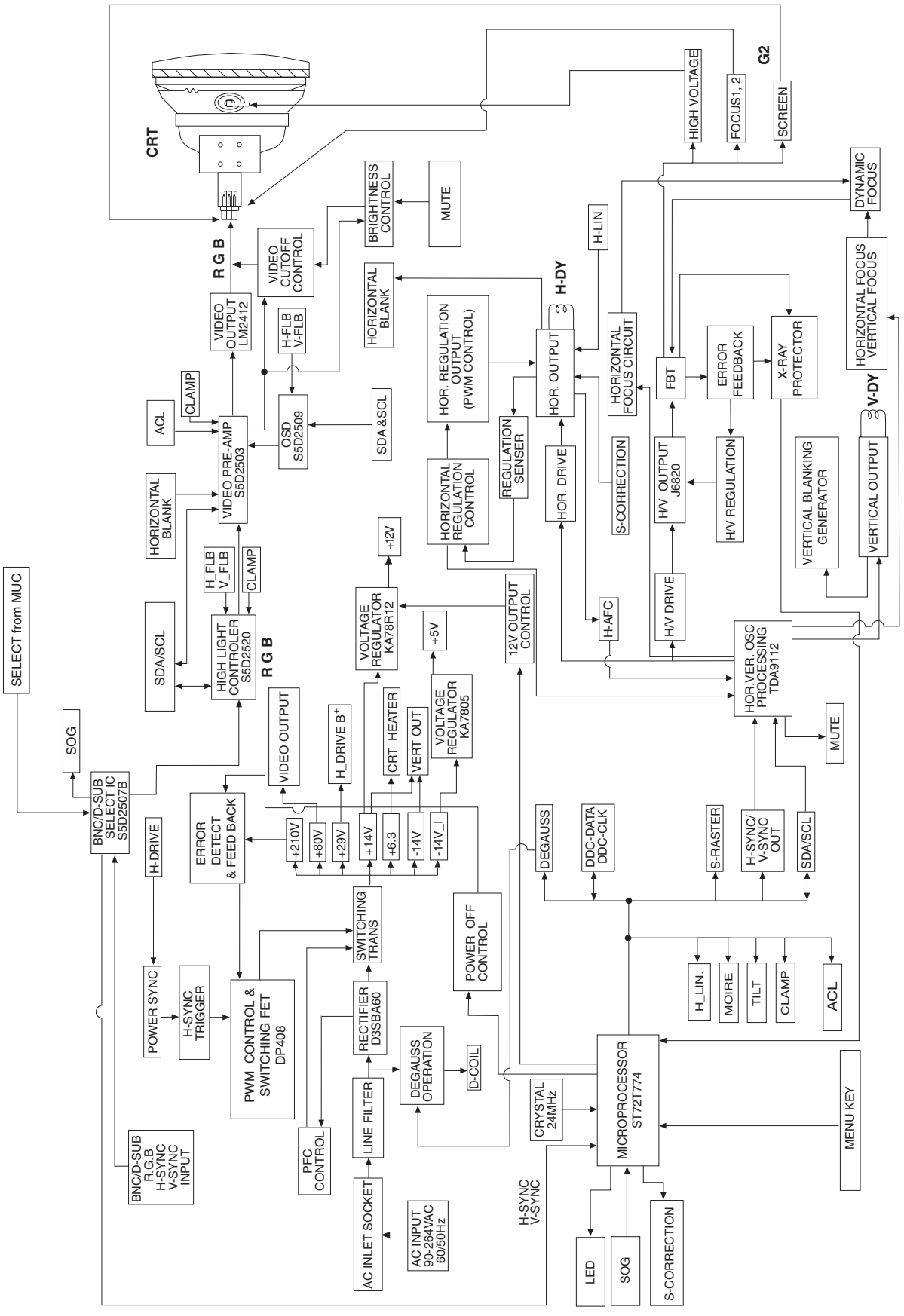
### AQ19IS

| Khz | S1 | S2 | S3 | S4 | S5 |
|---|---|---|---|---|---|
| ~110 | | | | | |
| ~99.9 | | | | | |
| ~94.9 | | | | | |
| ~89.9 | H | | | | |
| ~84.9 | H | | | | |
| ~80.9 | H | | | | |
| ~77.9 | | H | | | |
| ~71.9 | H | H | | | |
| ~69.9 | H | H | | | |
| ~67.9 | H | H | | | |
| ~64.9 | H | | | | H |
| ~60.9 | H | H | | | H |
| ~58.9 | H | | | H | |
| ~52.9 | | H | | H | |
| ~48.9 | | | | H | H |
| ~45.9 | | H | | H | H |
| ~39.9 | H | H | H | | H |
| ~36.9 | | | H | H | H |
| ~34.9 | | | H | H | H |
| ~33 | H | H | H | H | H |

### AQ19NS

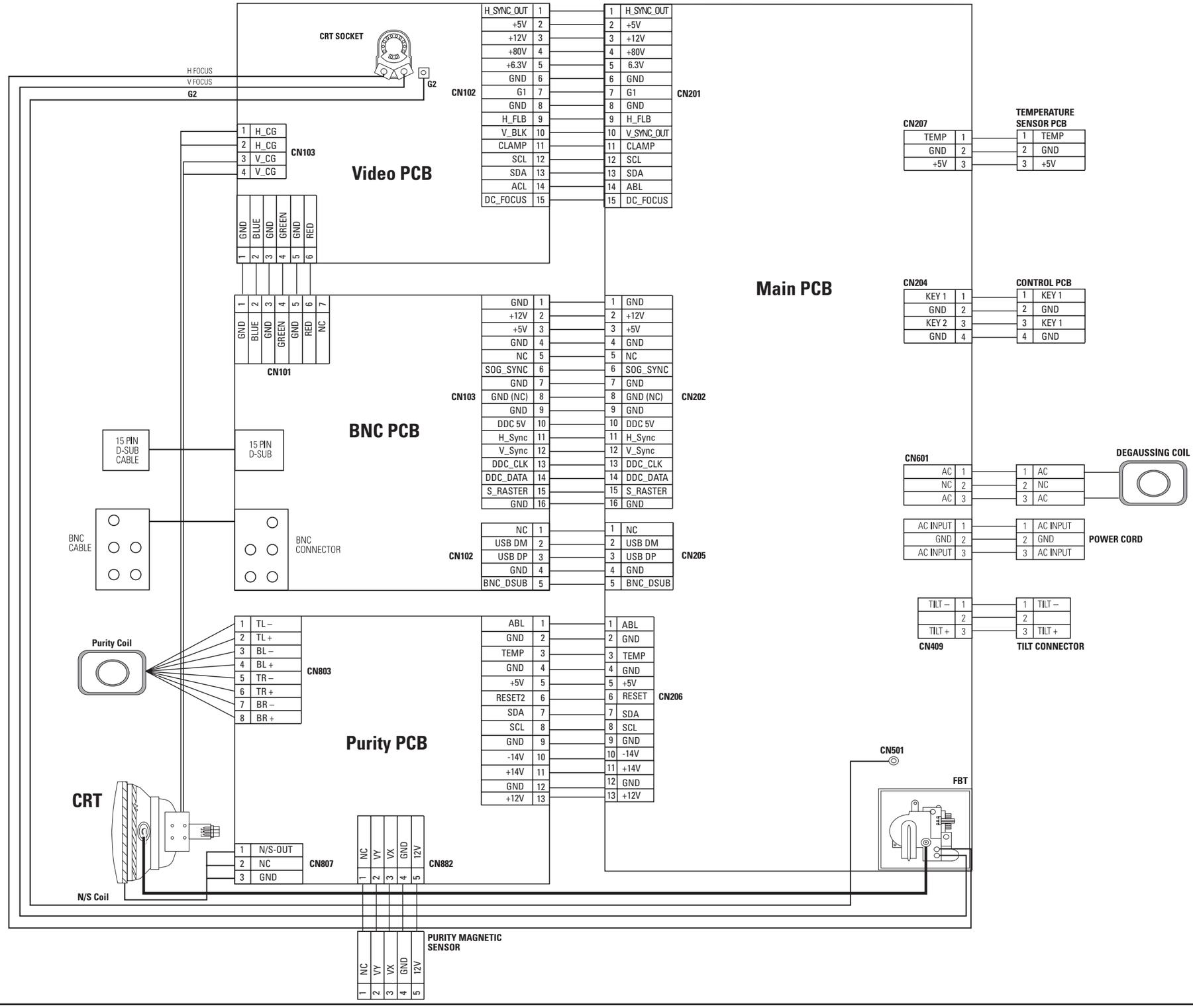
| Khz | S1 | S2 | S3 | S4 | S5 |
|---|---|---|---|---|---|
| ~110 | | | | | |
| ~99.9 | | | | | |
| ~94.9 | H | | | | |
| ~91.9 | H | | | | |
| ~84.9 | H | | | | |
| ~80.9 | | H | | | |
| ~77.9 | | H | | | |
| ~75.9 | H | H | | | |
| ~69.9 | | | | | H |
| ~67.9 | | | | | H |
| ~64.9 | | H | | | H |
| ~60.9 | | H | | | H |
| ~58.9 | H | | | H | |
| ~52.9 | | H | | H | |
| ~48.9 | | | | H | H |
| ~45.9 | H | H | | H | H |
| ~39.9 | | | H | H | |
| ~36.9 | | | H | H | H |
| ~34.9 | | | H | H | H |
| ~33 | H | H | H | H | H |

# 8 Block Diagram



## Memo

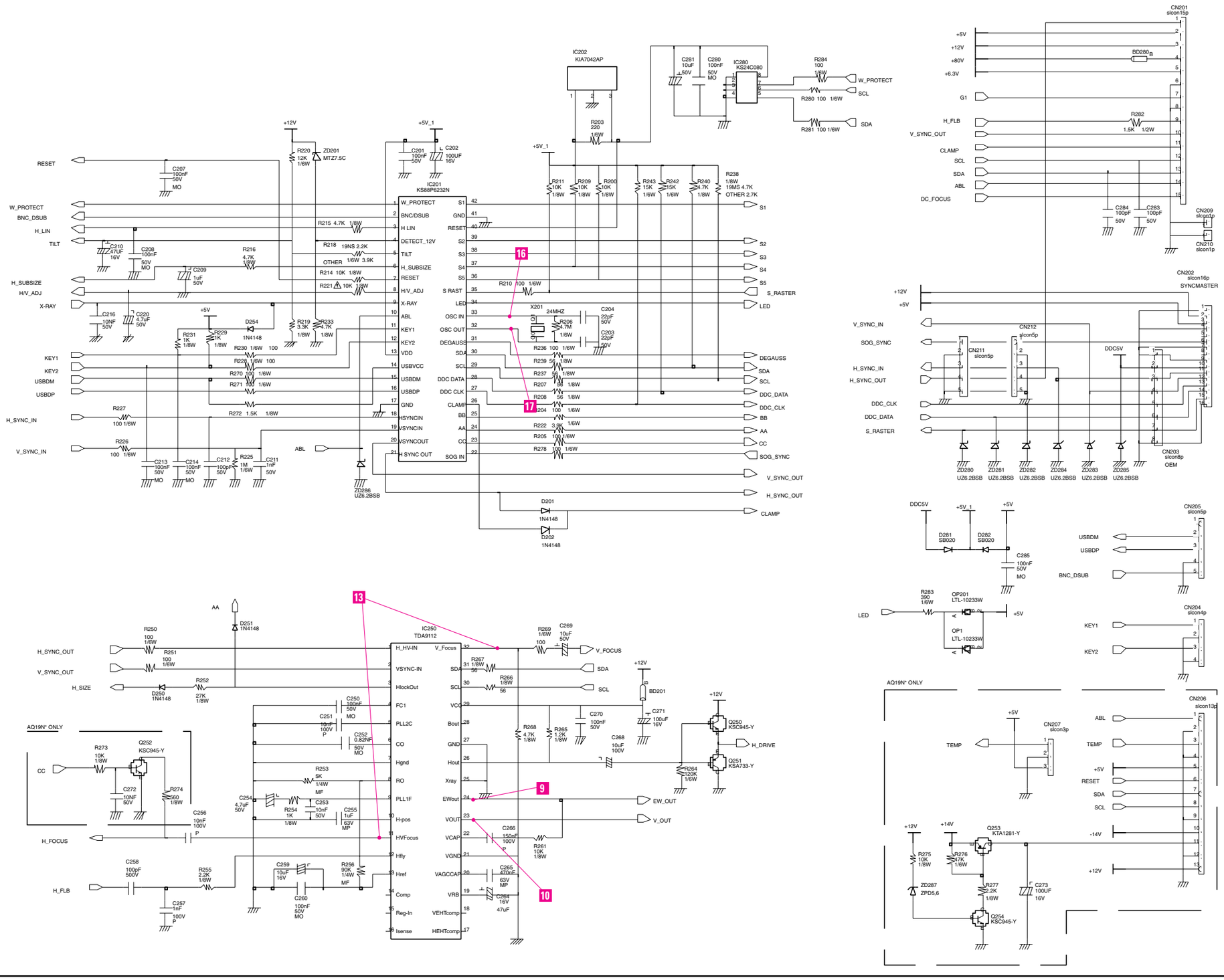
# 9 Wiring Diagram



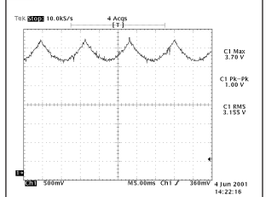
## Memo

# 10 Schematic Diagrams

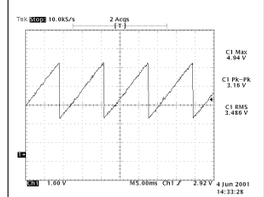
## 10-1-1 AQ17** & AQ19** Main Part Schematic Diagram



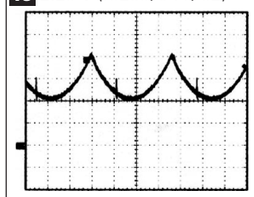
**9** IC250, #24




**10** IC250, #23

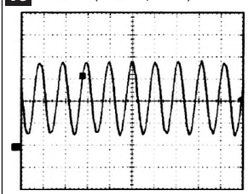



**13** 2.20 V (IC250, #11, 32)



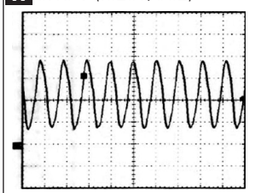
CH1 P-P = 2.20 V CH1 RMS = 2.776 V

**16** 3.42 V (IC201, #33)



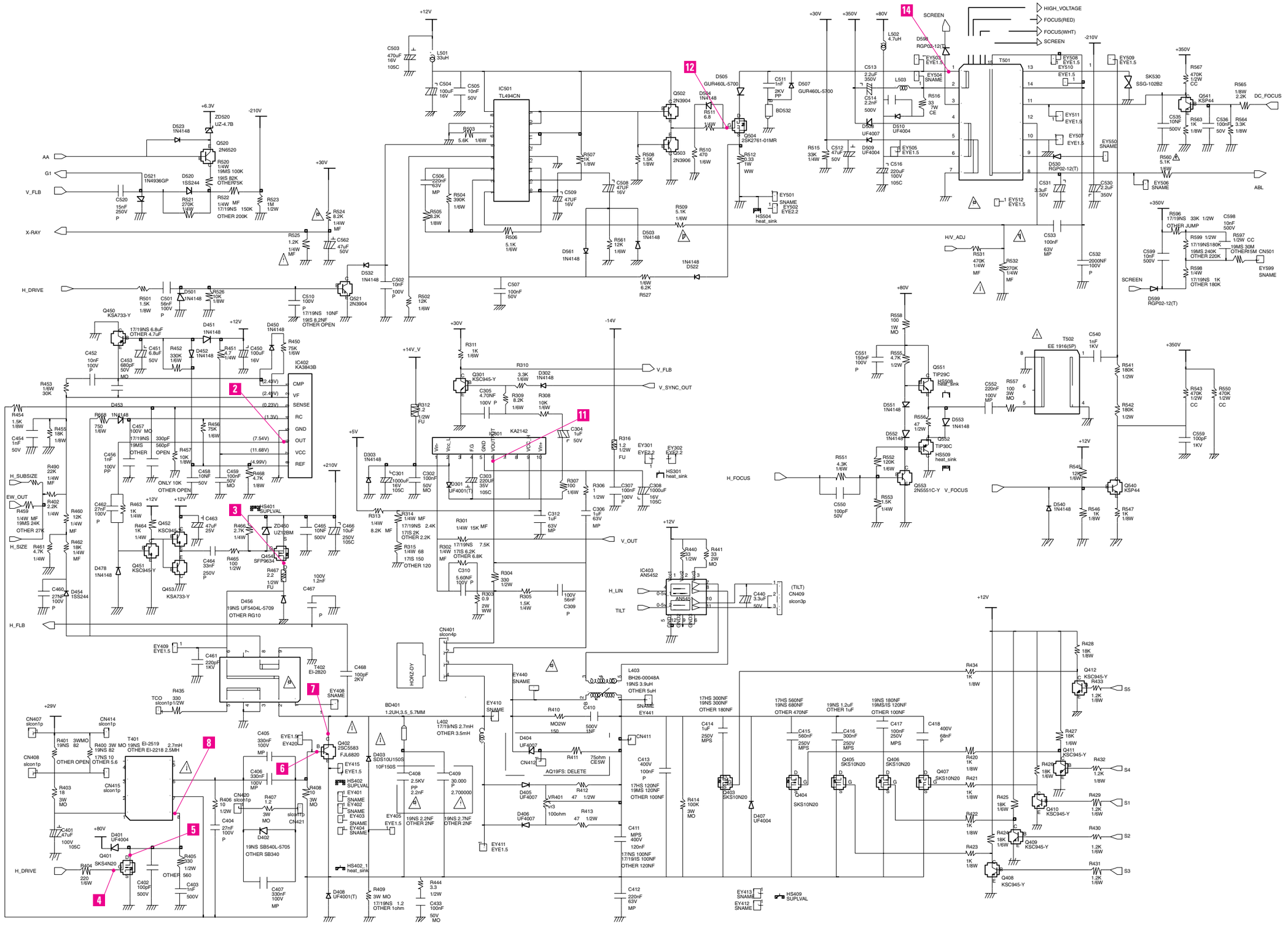
CH1 P-P = 3.42 V CH1 RMS = 2.500V

**17** 3.16 V (IC201, #32)

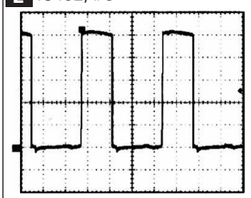


CH1 P-P = 3.16 V CH1 RMS = 2.560 V

# 10-1-2 AQ17** & AQ19** Main Part Schematic Diagram

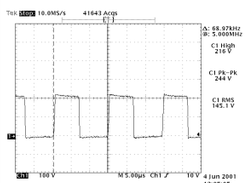


**2** IC402, #6

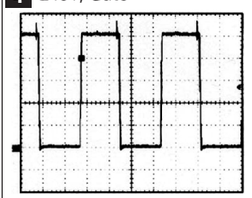


CH1 P-P = 10.96 V  CH1 RMS = 6.180 V

**3** Q454, drain

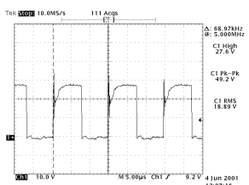


**4** Q401, Gate

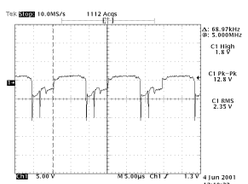


CH1 P-P = 11.6 V  CH1 RMS = 6.944V

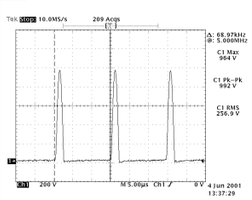
**5** Q401, Drain



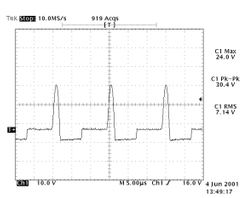
**6** Q402, Base



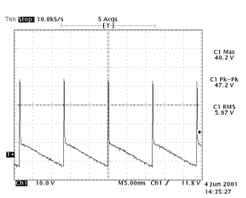
**7** Q402, Collector



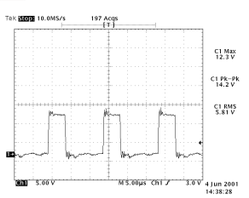
**8** T402, #8



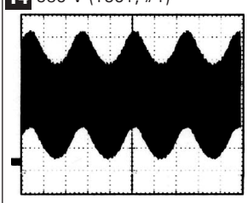
**11** IC301, #6



**12** Q504, Gate

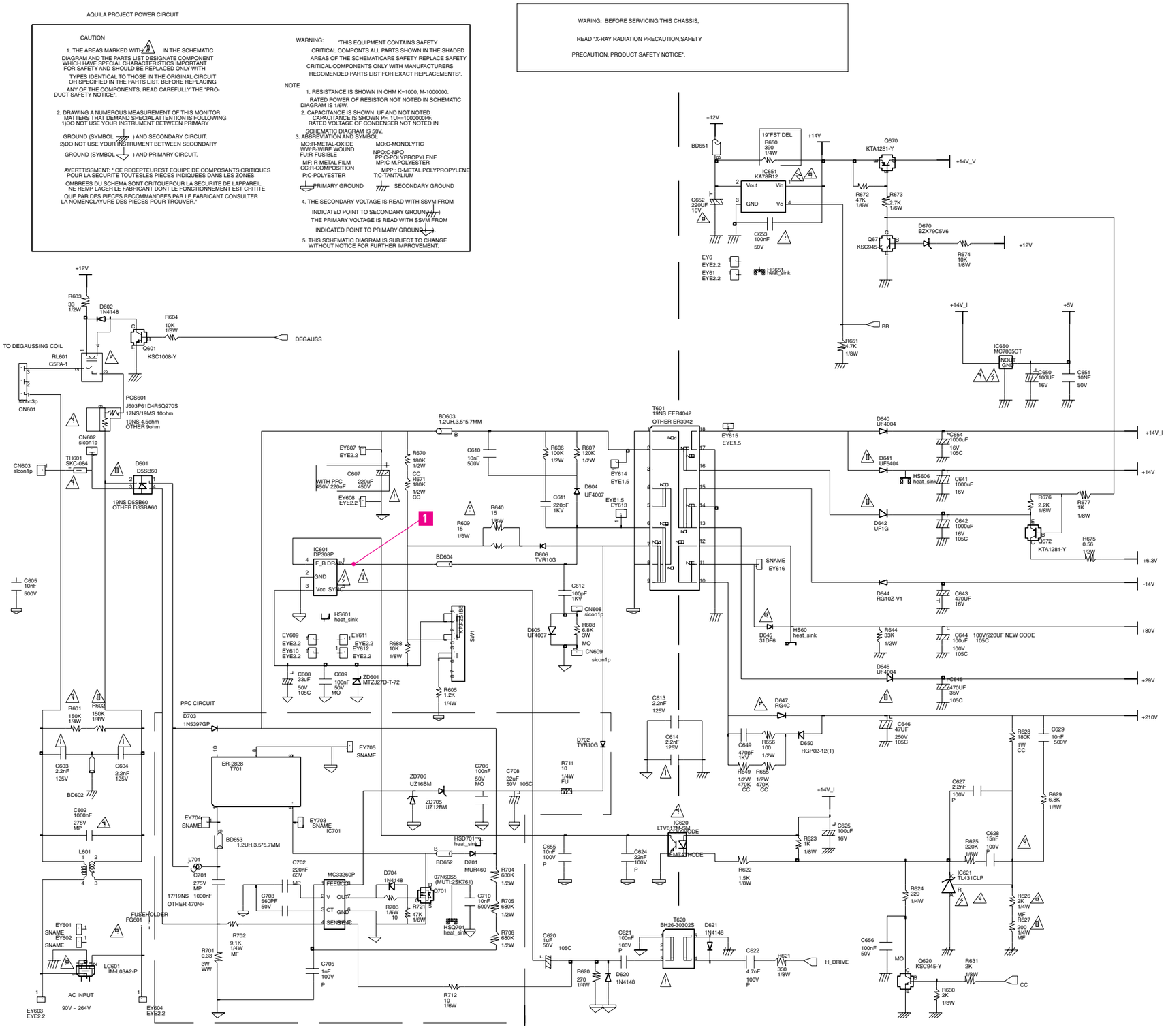


**14** 580 V (T501, #1)

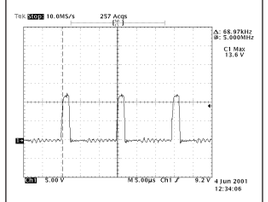


CH1 P-P = 580 V  CH1 RMS = 278.2 V

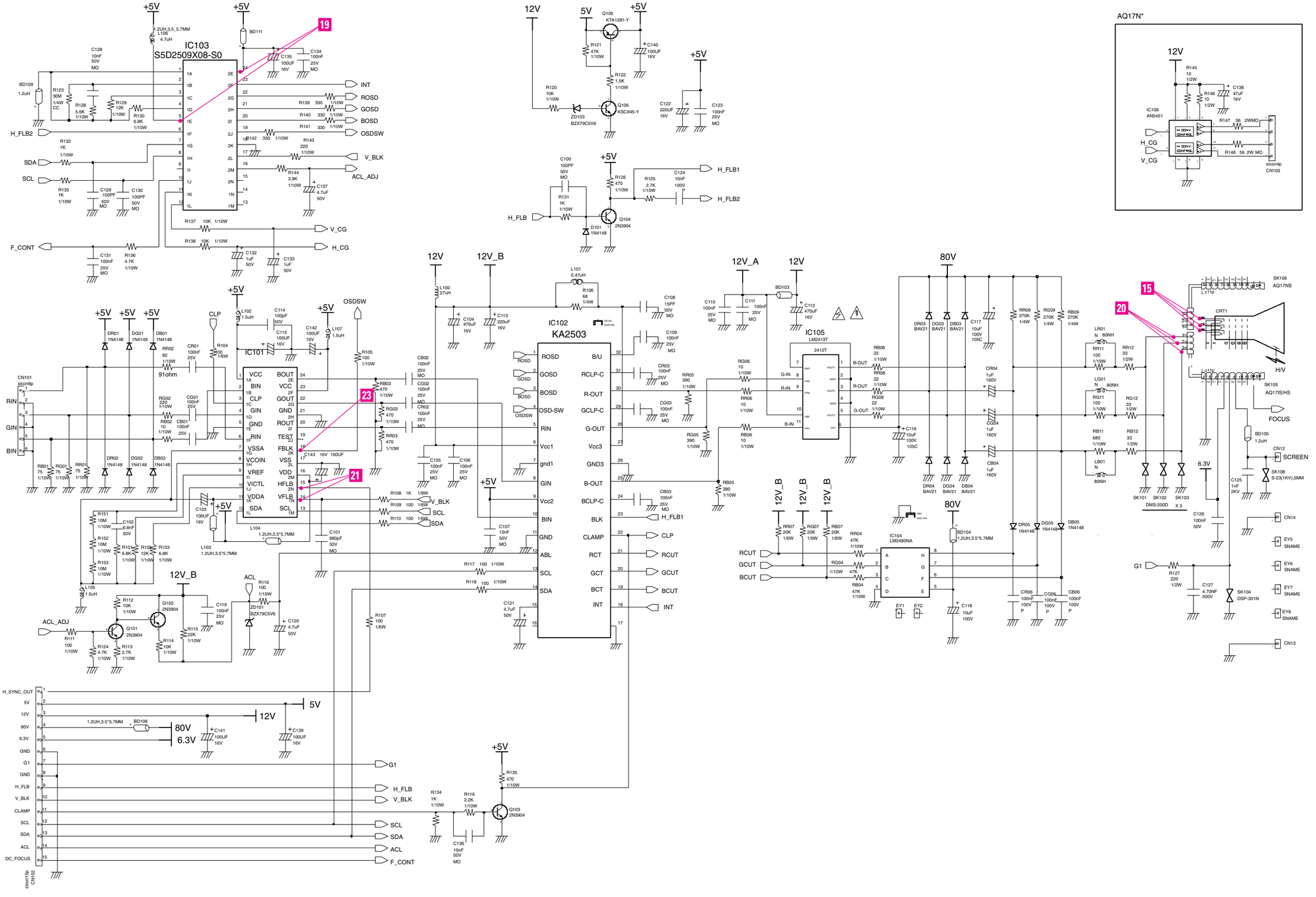
# 10-1-3 AQ17** & AQ19** Main Part Schematic Diagram


AQUILA PROJECT POWER CIRCUIT
CAUTION
1. THE AREAS MARKED WITH IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENT WHICH HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THE COMPONENTS, READ CAREFULLY THE "PRODUCT SAFETY NOTICE".
2. DRAWING A NUMEROUS MEASUREMENT OF THIS MONITOR MATTERS THAT DEMAND SPECIAL ATTENTION IS FOLLOWING
1)DO NOT USE YOUR INSTRUMENT BETWEEN PRIMARY GROUND (SYMBOL ) AND SECONDARY CIRCUIT.
2)DO NOT USE YOUR INSTRUMENT BETWEEN SECONDARY GROUND (SYMBOL ) AND PRIMARY CIRCUIT.
AVERTTISSMENT: * CE RECEPTEURESTEQUIPE DE COMPOSANTS CRITIQUES POUR LA SECURITE TOUTESLES PIECES INDIQUEES DANS LES ZONES
OMBREES DU SCHEMA SONT CRITQUEPOUR LA SECURITE DE LAPPAREIL NE REMP LACER LE FABRICANT DONT LE FONCTIONNEMENT EST CRITITE
QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT CONSULTER LA NOMENCLAYURE DES PIECES POUR TROUVER."
WARNING: "THIS EQUIPMENT CONTAINS SAFETY CRITICAL COMPONTS ALL PARTS SHOWN IN THE SHADED AREAS OF THE SCHEMATICARE SAFETY REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURERS RECOMENDED PARTS LIST FOR EXACT REPLACEMENTS".
NOTE
1. RESISTANCE IS SHOWN IN OHM K=1000, M-1000000. RATED POWER OF RESISTOR NOT NOTED IN SCHEMATIC DIAGRAM IS 1/8W.
2. CAPACITANCE IS SHOWN UF AND NOT NOTED. CAPACITANCE IS SHOWN PF. 1UF=1000000PF. RATED VOLTAGE OF CONDENSER NOT NOTED IN SCHEMATIC DIAGRAM IS 50V.
3. ABBREVIATION AND SYMBOL
MO:R-METAL-OXIDE
WW:R-WIRE WOUND
FU:R-FUSIBLE
MF: R-METAL FILM
CC:R-COMPOSITION
P:C-POLYESTER
MO:C-MONOLYTIC
NPO:C-NPO
PP:C-POLYPROPYLENE
MP-C-M.POLYESTER
MPP : C-METAL POLYPROPYLENE
T:C-TANTALIUM
PRIMARY GROUND
SECONDARY GROUND
4. THE SECONDARY VOLTAGE IS READ WITH SSVM FROM INDICATED POINT TO SECONDARY GROUND
THE PRIMARY VOLTAGE IS READ WITH SSVM FROM INDICATED POINT TO PRIMARY GROUND
5. THIS SCHEMATIC DIAGRAM IS SUBJECT TO CHANGE WITHOUT NOTICE FOR FURTHER IMPROVEMENT.
WARING: BEFORE SERVICING THIS CHASSIS,
READ "X-RAY RADIATION PRECAUTION,SAFETY
PRECAUTION, PRODUCT SAFETY NOTICE".
TO DEGAUSSING COIL
DEGAUSS
PFC CIRCUIT
AC INPUT
90V ~ 264V
FUSEHOLDER
1

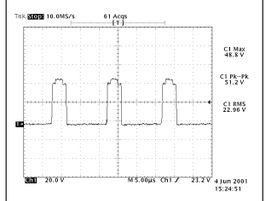
**1** 368 V (IC601, #1)



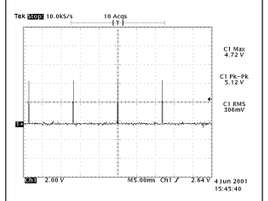
# 10-2 AQ17** Video Part Schematic Diagram



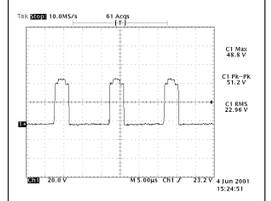
**15** CRT Socket, Red, Green, Blue



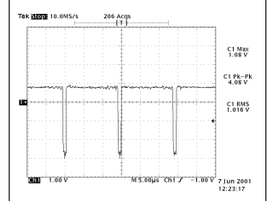

**19** IC103, #5, 24



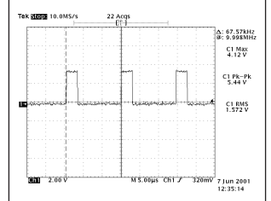

**20** R, G, B, Video



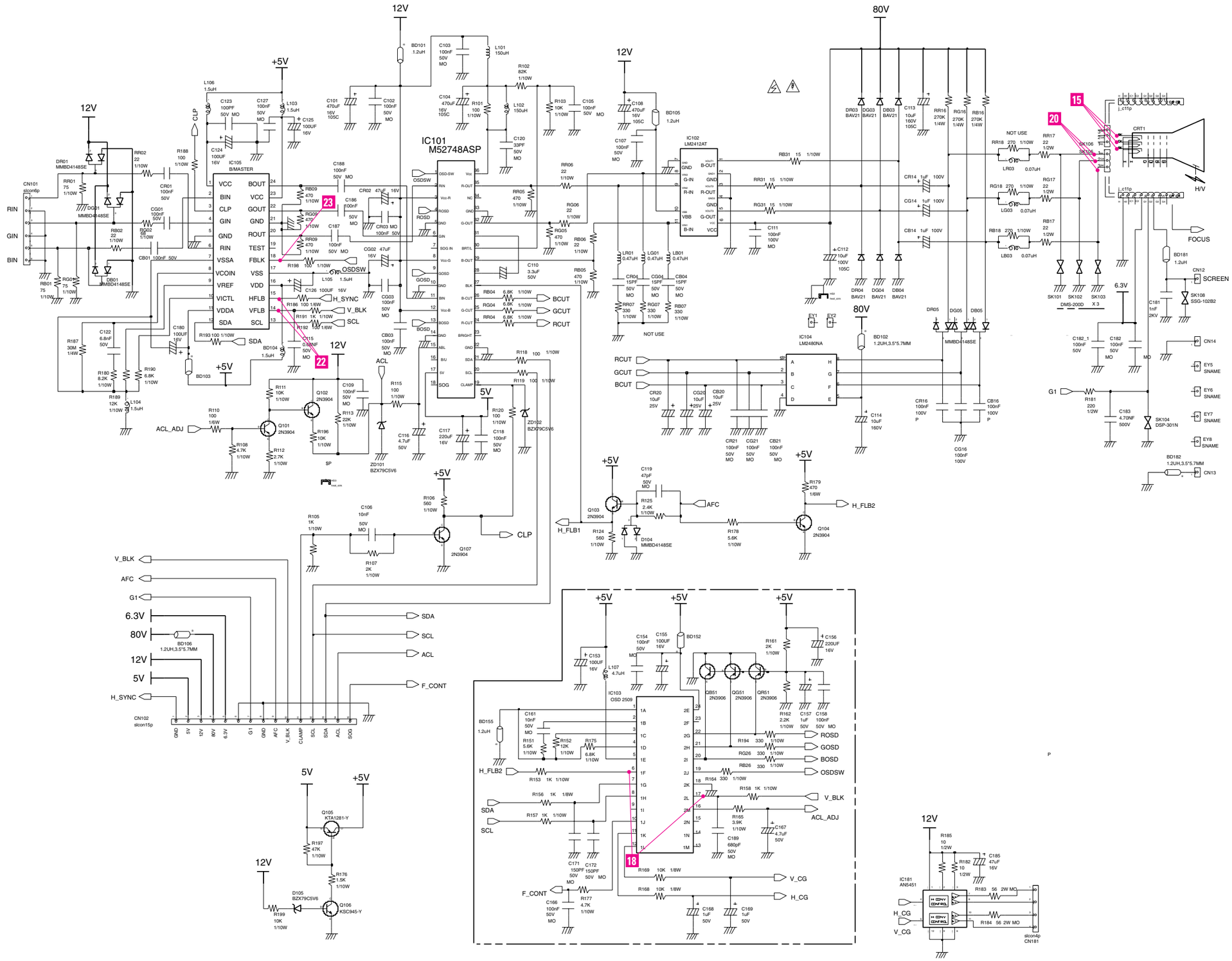

**21** IC101, #14, 15



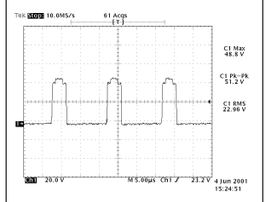

**23** IC105, #18



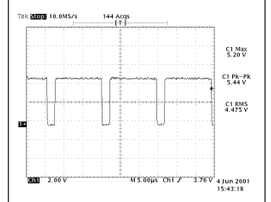
# 10-3 AQ19** Video Part Schematic Diagram



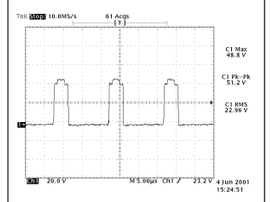
**15** CRT Socket, Red, Green, Blue



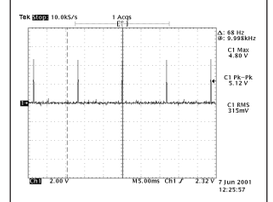

**18** IC103, #6, 17



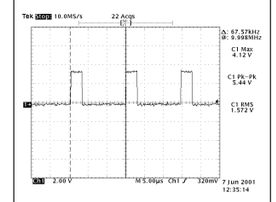

**20** R, G, B, Video



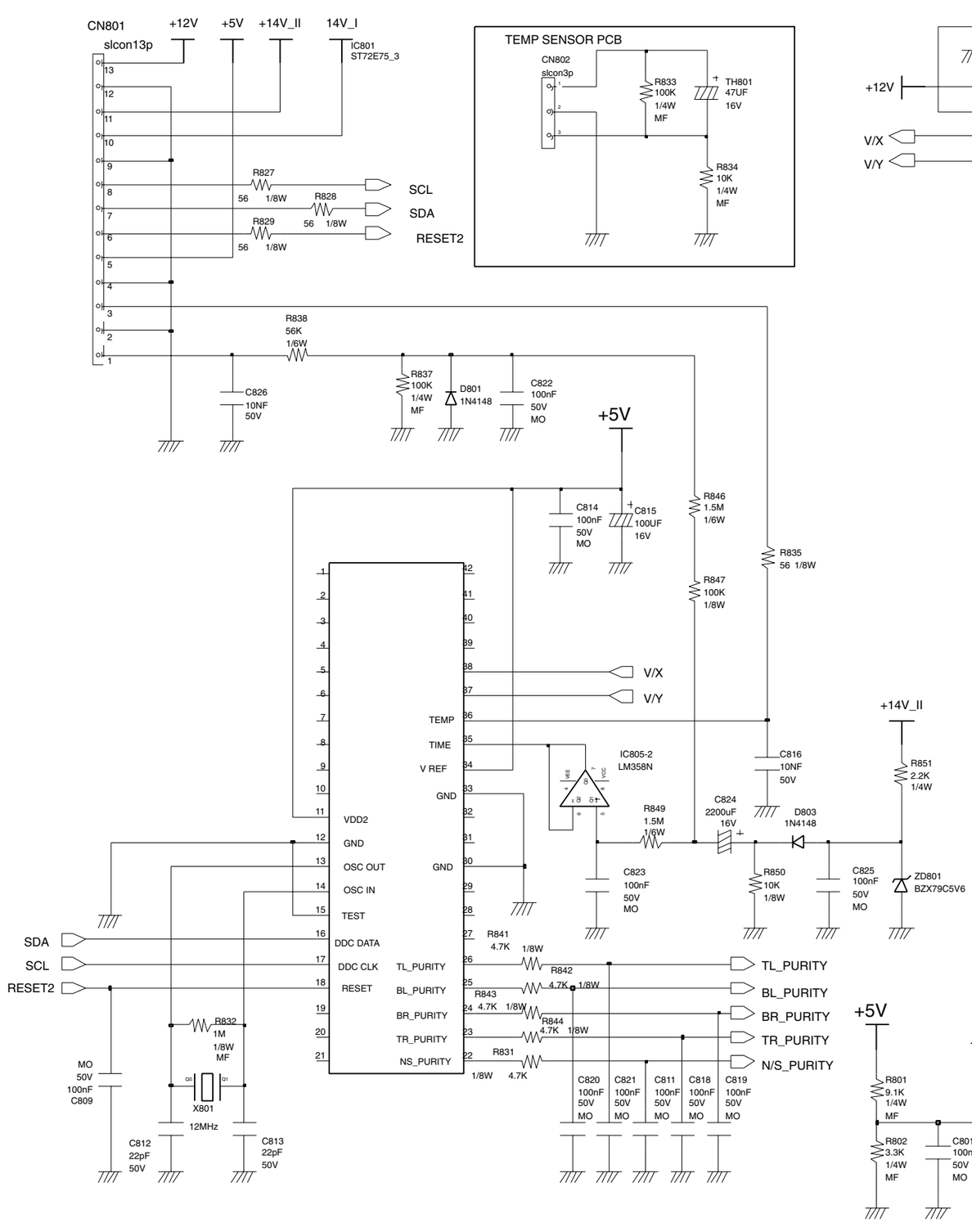

**22** IC105, #14, 15



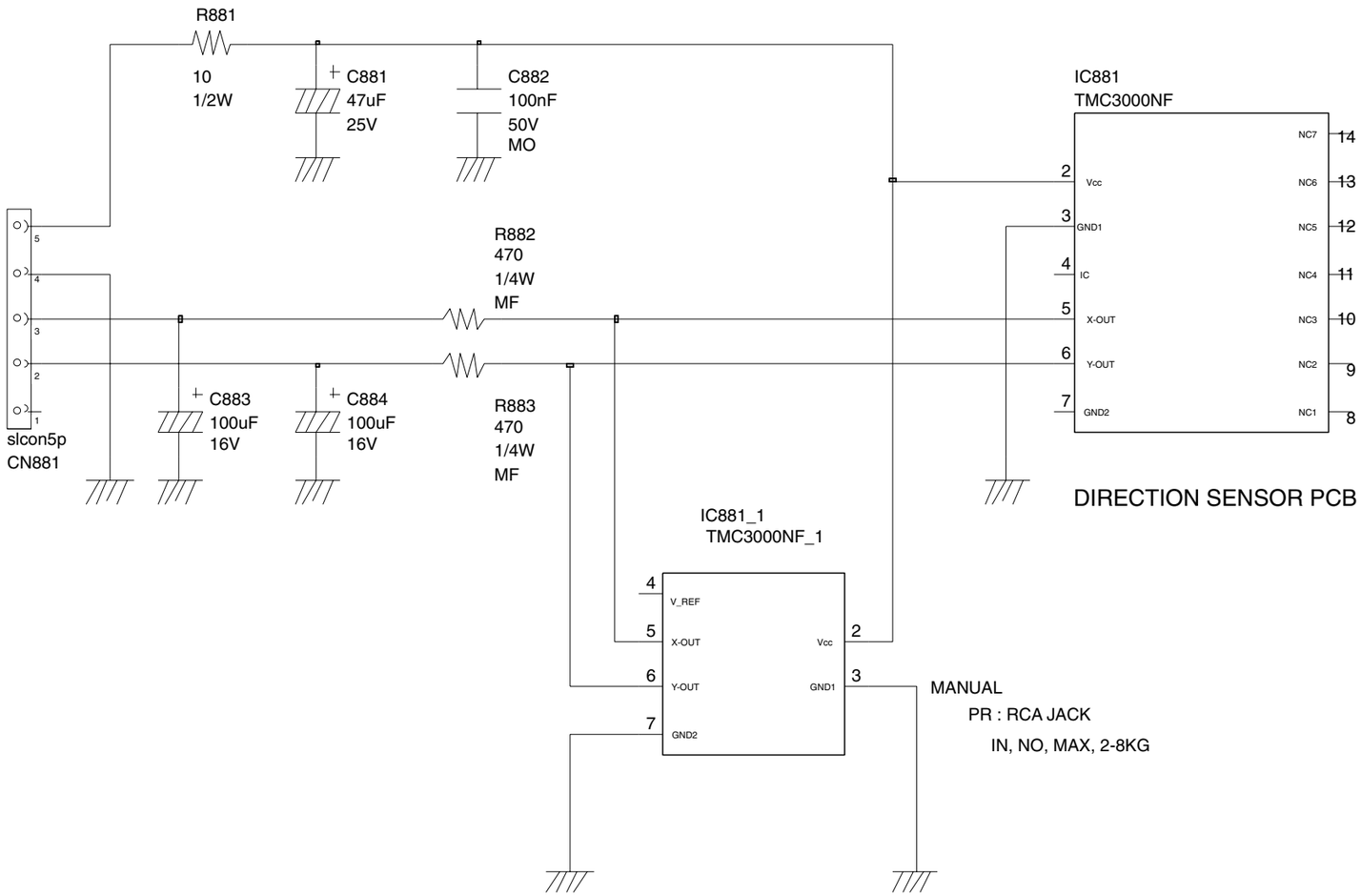

**23** IC105, #18



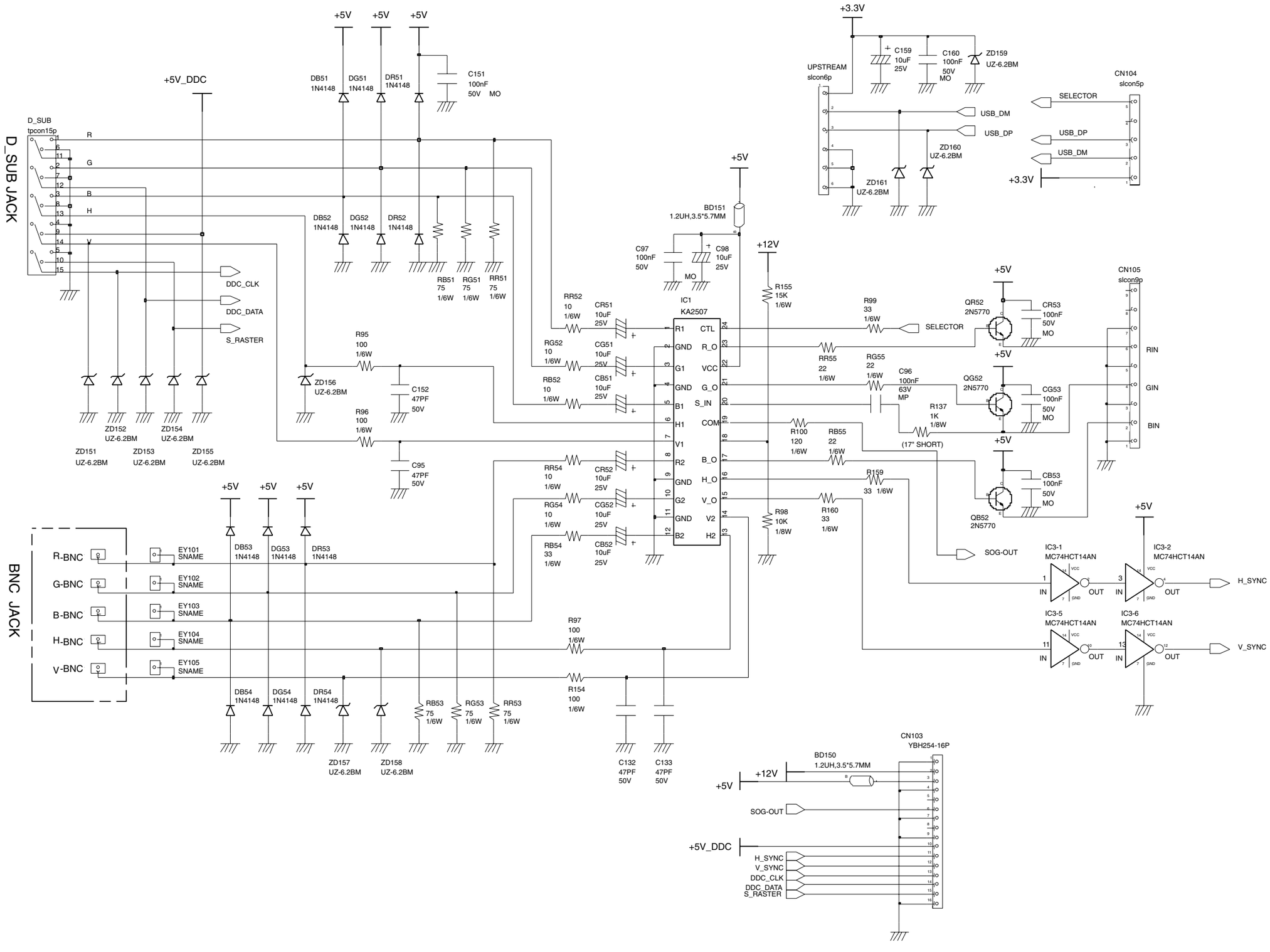
## 10-4 Purity Part Schematic Diagram



## 10-5 Sensor Part Schematic Diagram



## 10-6 BNC Part Schematic Diagram



## 10-7 USB Part Schematic Diagram